

The Cattleman

Fort Worth, Texas, May, 1957

VOLUME XLIII -- No. 12





YOUR BEST MARKET—to buy or sell

The Fort Worth livestock market serves both buyer and seller of livestock to equal advantage. The seller can consign all classes of livestock to Fort Worth with assurance that his shipment will be taken care of and properly handled. His consignment will be presented to a group of buyers in the market for all classes and the TOP DOLLAR on the day's market will be secured. Day in and day out—year in and year out—experienced producers know the Fort Worth market is the most CONVENIENT, DEPENDABLE and PROFITABLE place to sell livestock.

On the other hand, those who buy are equally well served through the wide variety and large numbers of livestock offered for sale during the average day's trading. For instance, the buyer of stocker cattle could drive hundreds of miles and spend several days searching the country over for cattle he can usually buy in a few minutes through any of the many competent commission firms that do business on the Fort Worth Stock Yards. The saving of time and money thus effected is the reason that buyers of all classes of livestock can look to Fort Worth to fill their needs. When in need of replacement stock, try the Fort Worth market.

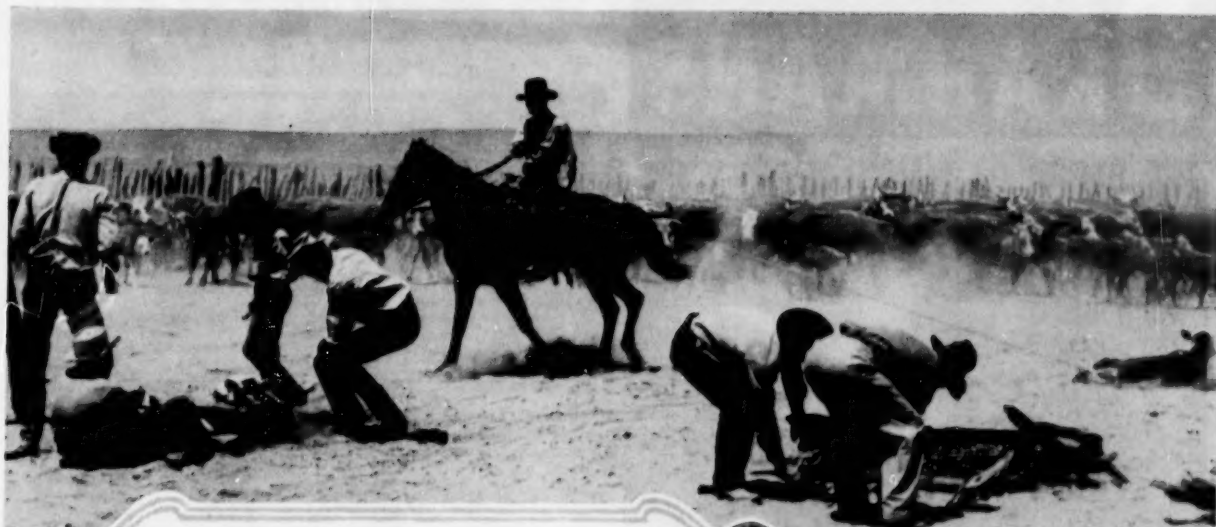
MARK THESE DATES ON YOUR CALENDAR

The Texas Hereford and Angus Associations have scheduled a series of stocker-feeder sales on the Fort Worth Stock Yards. Hereford sales will be held May 10, June 7, July 19, August 16, September 13 and October 11. Angus sales will be held May 10, July 12 and September 6. Shippers are advised to contact their breed association or their commission merchant.

KEEP POSTED Tune in for daily broadcasts: *Special Market News and Information, WBAP, "570" 7:30 a. m., 12:15 p. m. WBAP, "820" 6:15 a. m., 9:35 a. m. and 1:50 p. m.*

Fort Worth Stockyards

A division of United Stockyards Corporation
FORT WORTH, TEXAS



*Vaccination
is Important!*

Don't neglect the immunizing of your calves. Blackleg and Malignant Edema are still deadly hazards. And preventive vaccination is still the only known protection.

So be **SAFE!** Give each animal an early shot of



FRANKLIN

CCS BACTERIN

(Clostridium Chauvi-Septicus Bacterin)

contains a full immunizing dose against Blackleg combined with a full immunizing dose against Malignant Edema.

The new, easy way to eliminate stomach worms in cattle is to sprinkle on the feed some



FRANKLIN

**PHENOTHIAZINE
PELLETS**

These are palatable to the taste. They are a most convenient and inexpensive way of thoroughly purging your cattle of stomach worms. Ask for special descriptive leaflet.

Detailed data on Franklin products set forth in the complete Franklin Catalog free from local dealer or any Franklin Office.

O. M. FRANKLIN SERUM COMPANY

DENVER • KANSAS CITY • WICHITA • ALLIANCE • AMARILLO
FT. WORTH • MARFA • EL PASO • MONTGOMERY • PORTLAND
SALT LAKE CITY • BILLINGS • LOS ANGELES • CALGARY

Low-Cost, Long-Lasting
Insecticide Applicator



**RUB-A-PAD
BACK RUBBER**

use with Franklin
RESIDUAL SPRAY

One gallon of concentrate makes 5 gal., a year's supply for control of hornflies and lice on 50 cattle.



FRANKLIN

Vaccines and Supplies

Stockmen Found a Friend In Franklin!

Old Timers can remember when many Western cattlemen would lose calves by the hundreds from Blackleg epidemics.

Then came a vaccine that stopped the losses.

Kansas Aggie had developed this vaccine, with Dr. O. M. Franklin in charge of the research project.

Stockmen put up the money to produce this new vaccine commercially so that all cattle owners might have it available for protecting their herds.

Out of this came the Franklin Company dedicated to producing the finest protective products for livestock that modern science is able to devise.

Forty years has brought many changes. But stockmen still own the company. Meanwhile the name FRANKLIN has become an institution known and respected across America and in many other cattle-producing areas of the world.

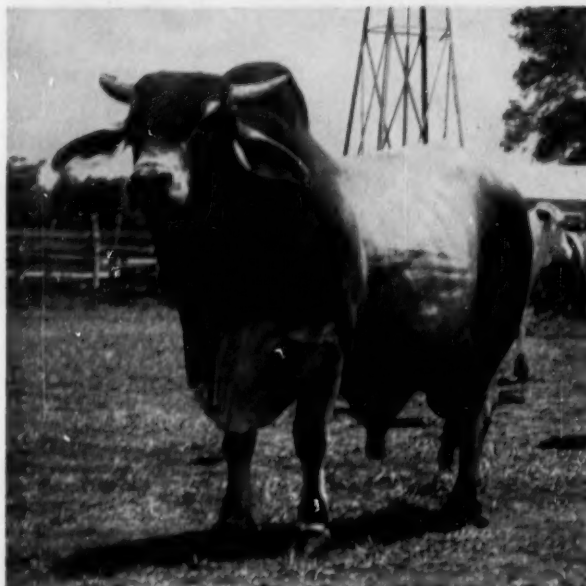
Franklin Dealers Render Valuable Service!



In thousands of communities where livestock is important, you'll find well-stocked, well-informed Franklin Drug Store Dealers. There Franklin products are conveniently accessible along with professional advice as to their proper use.

BRAHMAN

THE BLOOD OF MANSO CARRIES ON



IN 1957 (January-February-March)

AT:

Fort Worth, Texas
San Antonio, Texas
Houston, Texas
Baton Rouge, Louisiana
Mercedes, Texas

At these shows our Manso-bred Brahms entered a grand total of 89 different classes. The following record speaks for itself.

69 first places
16 second places
2 third places
1 fourth place
1 fifth place

With Rare Exception, the Animals Placed Ahead of Ours at These Shows Were Strong In Manso Breeding.

YES, THE BLOOD OF MANSO CARRIES ON
J. D. HUDGINS
"Beef-Type Brahms"

HUNGERFORD,
TEXAS

WELCH,
OKLAHOMA

The Cattleman

VOL. XLIII

MAY, 1957

No. 12

Published on the first day of each month by The Texas and Southwestern Cattle Raisers Association, Inc., 410 East Weatherford St., Fort Worth 2, Texas, Telephone EDison 2-6167. Western Union Call Letters FKT.

Correspondence on all phases of the cattle business is invited. Subscription \$2.50 a year. Three years \$5.00. Five years \$8.00. Foreign one year \$4.00.

Entered as second-class mail matter at the post office, Fort Worth, Texas, July 3, 1941, under act of March 3, 1879.

THE CATTLEMAN, copyright 1957 by the Texas and Southwestern Cattle Raisers Association.

Title registered U. S. Patent Office.

Member Audit Bureau of Circulations and Agricultural Publishers Association.



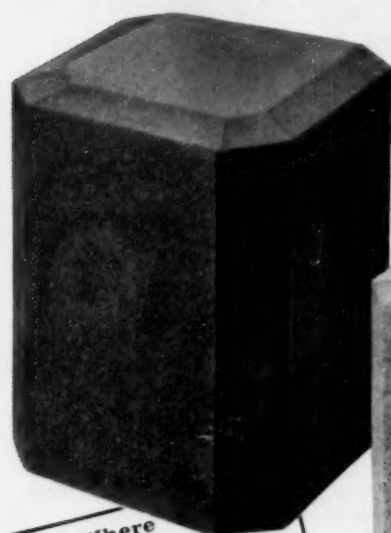
HENRY BIEDERMAN	EDITOR
CARL RUDDOLPH	ASSOCIATE EDITOR
ROGER B. LETZ	ASSISTANT EDITOR
CHAS. A. STEWART	MANAGER
TOM ADAMS, JR.	LIVESTOCK FIELDMAN

Table of Contents

	Page
Aberdeen-Angus Transactions	84
Alfombrilla Causing Heavy Losses to Livestock in Chihuahua, Mexico	36
American Beef Cattle Registry Association Meets in Louisville	91
American Brahman Transfers Into Countries Outside U. S.	66
Beef Breeding Research	37
Bloat, What About	79
Cattle Feeders Day at Texas Tech May 7	106
Cattle Industry Needs Greater Public Understanding	29
Cattle News	107
Cattle Wormer Formula Combats Worm Infection, New	90
Cattlelog Notes	109
Cattleman's Corral, The	16
Chuckwagon	57
Cowboy Collinson	32
Crossbreeding With American Brahman Cattle	30
Deaths	80
Diamond Back Rattler, The	86
East Texas Santa Gertrudis Sale	89
Factors Affecting the Livestock Industry	12
Feed Additives, Improve Feed Efficiency by Adding	106
Fort Worth Horsehoe Club Children's Show June 8-9	92
Fort Worth Stock Show Most Successful Ever Held	62
Gatesford Polled Hereford Dispersion	59
Highland Hereford Breeders Re-Elect Jim White President	61
Hill Country Hereford Breeders Elect Henke President	106
How Do You Judge These Brahman Cows?	74
Hull-Dobbs Polled Herefords Sell for an Average of \$929	98
Indu-Brazil Cattle Playing Important Role in American Beef Cattle Industry	53
King Ranch Quarter Horse Sale	89
King Ranch Santa Gertrudis Sale	88
Kleberg County FFA & 4-H Santa Gertrudis Sale	88
Livestock Calendar	110
Livestock Marketing Discussed at Institute Banquet	95
Livestock Markets Review	103
Looking Back	61
McSherry Heads New Mexico Hereford Association	62
Male Lines of Descent of Brahman Cattle	64
Mid-North Texas Field Day May 18	108
NCHA Holds Annual Meeting in Tucson	111
NCHA Membership Meeting in Odessa in 1958, To Hold	90
New Mexico Cattle Growers Meet	63
Of Things That Concern Cattle Raisers—	
Cattleman Cover, The	7
Foot and Mouth Disease on Curacao	26
More Cattle and Calves on Feed	24
National Beef Council Meets	26
Pasture Leasing Fairly Active	8
TSCRA Activities	7
Pan-American Exposition Offers \$86,095 in Premiums	91
PanTech Farms Hold Annual Field Day and Sale	109
Pioneer Santa Gertrudis Sale	80
Post Stampede Rodeo May 15-18	86
Prickly Pear, Why South Texas Ranchers Feed	76
Prince 105 of TT, \$230,000 Angus Bull, Found Dead	84
Range News of the Southwest	105
Range Riders Rodeo	92
Safeway Stores Demonstrate Facilities	103
San Antonio Hereford Stocker-Feeder Sale	88
SGBI Holds Sixth Annual Meeting in San Antonio	109
Santa Gertrudis Demonstration at Columbia, S. C.	89
Shorthorn Secretary Resigns	108
TEXAS Herd Second in Shorthorn Registrations	92
TEXAS Hereford Roundup Sale	104
TEXAS Oklahoma Hereford Breeders Elect Officers	99
TEXAS Polled Hereford Breeders Reelect Carl Sheffield	104
TEXAS Shorthorn Breeders Meet in Ennis	92
TEXAS and Southwestern Cattle Raisers Association Officers, Directors and Inspectors	100
Tips on the Weather	94
Washington Roundup	20
WHR Bred Heifer Sale	96

MoorMan's gives you a choice of 3 protein blocks !

—each for a different range condition



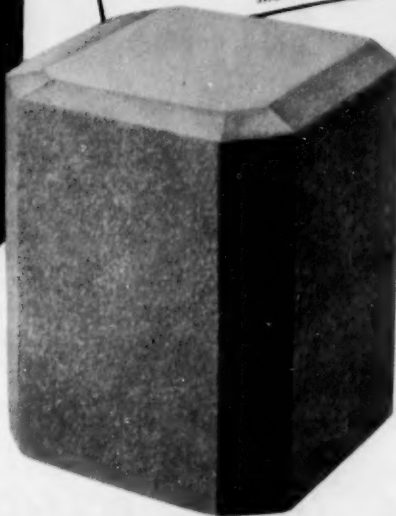
1 Where range is "average"

MoorMan's Mintrate Range Blocks (RED) or Regular, are for use where quantity and quality of range are considered adequate, but not "lush"... are normally consumed in recommended amounts during fall and winter seasons.



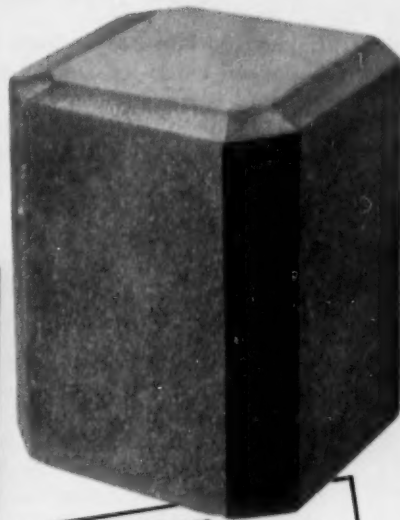
2 Where range is "good"

MoorMan's Mintrate Range Blocks (BLONDE) are for cattle on "good" range or excellent roughage—for adequate consumption in late spring and summer... are preferred by most ranchers for weaned calves and short yearlings.



3 Where range is sparse or unpalatable

MoorMan's Mintrate Range Blocks (BRUNETTE) are for areas where Mineral consumption has been high or forage sparse or unpalatable. Also for cattle with a tendency to consume more than a normal amount of the Red Block.



With free choice feeding, the consumption of any one protein block will vary as range conditions vary. That's why, after five years of research in western range areas, with thousands of cattle, MoorMan's, the original protein block, is made in three different formulas. Each has a different level of palatability. Each is designed to meet a specific need.

Each type contains just the right amounts of minerals, vitamins and proteins, and urea, range cattle need to help them turn more of the grass and forage they eat into beef

and to get maximum milk flow. All are available with or without Vitamin A.

Thousands of ranchers have found from experience—that by selecting the right type of block for their specific range conditions—they get good, economical gains.

Your MoorMan Man can tell you the right type of block or combination of blocks for your range. And he has advantageous prices on 50- to 200-ton orders or contracts for present and future feeding. Moorman Mfg. Co., Dept. B75, Quincy, Illinois.



MoorMan's*

Since 1885—72 years of Friendly Service

Mintrate Range Blocks

—mineralized, vitaminized protein blocks with urea added to help cattle make faster, low-cost gains.

*Trademark Reg. U. S. Pat. Off.

KINLOCH DISPERSES 700 HEAD



including 100 outstanding bulls from the "Quality Foundation" Herd. Representing an initial investment of over \$500,000. Made up of many of the most noted females of the breed and their descendants; headed by one of the breed's greatest herd bull batteries: KINLOCHMERE 23d, KINLOCHMERE 88th and BLACK KNIGHT 98th of A. V.

JUNE 6th, 7th and 8th

Every effort will be made to sell as much of the herd as possible the first two days.

Come and select strength for your breeding program, from the herd that has produced two of North America's greatest Champions, Kinlochmere 23d, International Junior Champion, and Kinlochmere 88th, Canadian Royal Grand Champion, as well as Kinlochmere 9851st, International First Prize Winning son of the \$50,000 Black Knight 98th of A. V.

This herd in addition has produced innumerable champions and winners at other major shows of the nation.

Buy from the herd that has produced cash sales of \$1,167,288.00 worth of cattle; from the herd that has had six production sales in which 273½ lots have been sold to average \$2021.

Buy from the herd from which leading breeders from 22 states and Canada have selected "Quality Foundation" stock.

Why This Decision?

My business in Washington has been requiring more and more of my time so that I have not been able to give Kinloch the personal attention that I feel is a must. There is an obligation with a herd of this size and quality to give it and its program one's complete and undivided attention. I do not like to do things by halves.

Our decision is also influenced by the fact that our son David, after 4 years in the air force, is back in college and still has a year and a half before he will complete his training in animal husbandry and be able to carry his share of the responsibility here at Kinloch.

A further and important consideration has been the obligation to set in order the affairs of three trusts that we established years ago, one for each of our children. Each of these trusts owns 18 females representing the average production of the herd. This group is available for inspection at any time. In addition we have transferred to the children's trusts our interest in Kinlochmere 99th owned jointly with Angus Manor Farms, Petersburg, Ontario, and Kinlochian 2304th owned jointly with Kinghaven Farms, King, Ontario.

We have also transferred to the children's trusts a one-third interest in each of our three herd bulls, as we wish for them to continue to have the benefit of what is

recognized as being one of the strongest herd bull batteries in America. We are offering a two-thirds interest in each of these three bulls, together with complete possession, the buyer occasionally and at his convenience, to permit us to collect and freeze semen at our expense.

These animals owned by the children's trusts will form the nucleus of the Kinloch herd that we will plan to rebuild after this necessary recess. **Absolutely every other animal remaining in the Kinloch herd sells.**

Our herd is fully certified and accredited and completely sound with no health problems of any kind. This is a guaranteed dispersion.

MR. and MRS. LEE D. BUTLER, Owners
26 Miles South of Fredericksburg on
Route 17
SUPPLY, VIRGINIA

Lee D. Butler

KINLOCH FARM

The "Quality Foundation Herd"

Home of
Kinloch-Bonded Bulls
and
Quality Foundation Herd Units

A GROUP OF THE 100 MAGNIFICENT YOUNG BULLS SELLING



KINLOCHIAN 2341

A senior yearling show bull by the "23d." His grandam came from Tolans originally at the top of one of their sales; her sire the International Grand Champion, Eileenmere 85th.



KINLOCHIAN 2348

A very short aged senior yearling by the "23d" out of a daughter of Glencarnock Eric of Cremona. A great headed bull with lots of bone and ruggedness.



KINLOCHIAN 2342

Note the type and quality of all these sons of the "23d". This one is out of a Caldwell Elaine cow, who is rich in the blood of Bandalier of Anoka.



KINLOCHIAN 8852

A perfect bodied, great qualified son of the "88th", out of the herd bull producing Juana family.



KINLOCHIAN 9860

A junior yearling show son of our \$50,000 sire out of a full sister of the "23d".



KINLOCHIAN 8862

A great headed bull that will really fill your eye when you see him; out of one of the five or six best producing cows at Kinloch, a Hartley Edella daughter of Glencarnock Eric of Cremona.



KINLOCHIAN 8861

Another bull of show character and quality by the "88th" out of a great producing Primrose cow. Her son brought \$5100 in Kinloch's last production sale.



KINLOCHIAN 9881

Another top junior yearling show prospect by our \$50,000 sire, out of one of the famous Kindness Pride cows, daughter of Queen's Grenadier G. R. His grandam is a daughter of Bandalier of Anoka 10th.

A FEW OF THE 100 EXCELLENT BULLS SELLING—BULLS FOR THE BREEDER, READY FOR SERVICE; BULLS FOR THE SHOWMAN, WHO WANTS TO DO SOME CAMPAIGNING; BULLS FOR THE FARMER AND RANCHER.

The greatest group of daughters of Queen's Grenadier G. R. ever offered in one auction—26 of them! Other famous sires represented are: Eileenmere 1050th, Eileenmere 500th, the \$25,000 Blackbird Bardolier G. R., Glencarnock Eric of Cremona—11 of his daughters sell! Bandalier of Anoka 6th, Bardoliermere 10th, Eva's Bandalier Lad, Homeplace Eileenmere 500th, Eileen-

mere 260th, Prince Bandalier 7th, Prince of Rowley, Bandalier of Anoka 16th, Ankony Barca, Eileenmere of Don Head, Pontonier of Winton, Epponian 6th of Broadview, Wintonier 4th, Eileenmere 1032d, Bandalier of Anoka 10th, Tolon Bandalier, Homeplace Eileenmere 687th, and many other noted sires.

Write the Sale Manager immediately requesting that your name be put on the list for a copy of the catalog. It will be a valuable reference book of the Angus breed for years to come.

Trains and Planes will be met on request, at Washington, D. C. or Richmond, Virginia.

Rooms available at excellent motels near the farm, or at hotels in Fredericksburg, Virginia. For reservations contact the Sale Manager.

AUCTIONEERS: Roy Johnston, Hamilton James, Paul Good, Ray Sims and Stan Haworth.

Tom Adams for The Cattleman

SALE MANAGER:

Dave Canning, Canning Land and Cattle Co.
P. O. Box 1115, Staunton, Virginia
Phones 6-0811 and 5-8678

MR. AND MRS. LEE D. BUTLER, Owners

26 Miles South of Fredericksburg on Route 17
Phone: Tappahannock-Hillcrest 3-2040

SUPPLY, VIRGINIA



Now-a more convenient form of your dependable treatment

The new SULMET Sulfamethazine Soluble Powder dissolves rapidly and uniformly in the drinking water. It gives you a new easy-to-store, easy-to-use form of the fast-acting SULMET that you have depended on for immediate action over the years.

Now you can keep a supply of SULMET on hand at all times for emergency use — to treat one animal or an entire herd and all with the same ease and assurance.

SULMET gives you longer, stronger action; provides effective blood levels of sulfamethazine; it is powerful but easy on the animal; costs less per treatment and you give lower dosages at less frequent intervals — frequently one dose is sufficient!

P.S. SULMET Sulfamethazine Drinking Water Solution is also available.

Get SULMET in either form from your veterinarian, druggist or feed dealer. For free literature, write to American Cyanamid Company, Farm and Home Division, 30 Rockefeller Plaza, New York 20, N. Y.



TREAT

Pneumonia, Calf Scours,
Shipping Fever, Foot Rot, Metritis,
Acute Mastitis, Bacillary Enteritis.

CYANAMID

SULMET[®]

SULFAMETHAZINE

Powerful, gentle **NEW** longer acting

Soluble Powder



Of things that concern cattle raisers

The Cattleman Cover CHAMPIONS

Color Transparency by ROGER B. LETZ

WHEN we saw two Brahman heifers from the same herd capture the champion and reserve champion ribbons at the Houston Fat Stock Show last February we immediately decided that here was a cover picture. The two attractive young ladies at the halter did not detract any from our decision.

We prevailed on Jack Garrett, owner of the heifers and father of the girls, to permit us to photograph them. Mrs. Garrett also graciously gave her consent. As you can readily see, the girls and the heifers cooperated splendidly when we sent our photographer, Roger B. Letz, to the Garrett Ranch near Danbury, Texas, to take the color transparency. The girls are Susan and Klinka and are typical ranch girls who enjoy working with the Brahman cattle on their father's ranch.

Their brother Jacko showed the champion and reserve champion Brahman heifers in the junior breeding beef division at the same show. He was ably assisted by his eleven-year-old brother Bob, so the whole Brahman breeding enterprise is a family affair.

The Brahman heifer on the left, held by Susan, is JTG Miss Resoto Manso, Jr. and was champion of the show. The other, held by Klinka, is JTG Miss Typey Manso and was reserve champion. These two top winners are typical of the many good Brahmans being produced by members of the American Brahman Breeders Association and were selected for their excellency of type, breeding and conformation.

TSCRA Activities

Directors to Meet in Austin

THE regular quarterly meeting of the board of directors of the Texas and Southwestern Cattle Raisers Association will be held in Austin June 22, according to an announcement by John Biggs, Association president. The meeting will start promptly at 9:00 A. M. in the Driskill Hotel.

This is the first time for many years that the directors have held a meeting in Austin and it is being held there so that those members in that area may have an opportunity to sit in with the directors in

their quarterly meeting. Biggs invites all members and any one else interested in the livestock industry to attend the meeting.

This is the first directors' meeting that has been held since the convention and many important matters which have developed since that time will be discussed and reported on by the various officers and committee members.

Those planning to attend should make reservations at the Driskill Hotel as early as possible.

New Inspectors Committee Appointed

President John Biggs has announced that the Executive Committee of the Texas and Southwestern Cattle Raisers Association has created a committee to be known as the Inspectors' Committee. It was the opinion of all present that there has long been a need for closer co-ordination between directors, members, and our inspectors, hence the forming of this committee. Retirement plans, possible redistricting of areas currently served by our inspectors, more efficient coverage of designated areas along with other general problems of the association inspectors are a few of the considerations to come before this committee. It was specifically designated that the activities of this committee would be closely co-ordinated with Secretary-Manager Charles A. Stewart and Assistant Manager Charlie Hodges, who is in charge of inspectors.

Edgar Hudgins, Hungerford, has been appointed chairman. Other members are Roy Parks, Midland; Jack Roach, Amarillo; Norman Moser, Dekalb; F. B. Pyle, Sanderson; Jack Love, Llano and Warren Moore, Alvin.

Blizzard

TSCRA field inspectors in the Panhandle again demonstrated their value to the livestock industry during the blizzard which struck the latter part of March. They immediately went into action locating lost, strayed and dead cattle and establishing ownership. The Association brand records are relied upon to locate the owners of strays which will be showing up on the markets and in hands other than the owners' for many months. The Association also immediately contacted the government authorities in Washington and was assured all possible assistance would be given cattlemen who suffered losses.

Transportation Tax

An active campaign is being carried on to repeal the tax of 3 per cent on freight charges and 10 per cent on passenger fares. This tax, which was levied in

COMBAT✓ **BLACKLEG**✓ **MALIGNANT EDEMA**✓ **HEMORRHAGIC SEPTICEMIA****WITH THESE
FOUR RELIABLE****GLOBE
Products****① Clostridium Chauvei-Septicus Pasteurella Bacterin**

The "Triple Bacterin" — one-shot bacterin against Blackleg, Malignant Edema and Hemorrhagic Septicemia. Each 10-cc. injection contains a full immunizing dose of all three components. Available in: 5 dose, 10 dose, 25 dose, 50 dose.

② Clostridium Chauvei-Septicus Bacterin

The "Gold Label" Bacterin — widely used in many sections of the country for both Blackleg and Malignant Edema. May be used to vaccinate cattle of any age, using 5-cc. dose.

**③ Blackleg Bacterin, Whole Culture (Alum Treated)**

To protect healthy herds, where there is no Blackleg infection in the community, vaccinate calves with this "sterling quality bacterin in the silver box." One 5-cc. dose for calves of any age gives long-lasting protection.

④ Blackleg Bacterin, Whole Culture

For quick protection where Blackleg infection is present in the herd. It offers rapid absorption and faster immunity, thereby saving many animals, when the danger is greatest. Dose: 5-cc. for animals of any age.

**GLOBE
LABORATORIES****FORT WORTH, TEXAS**

Kansas City Denver Little Rock Memphis
Artesia, Calif. Sioux City, Iowa Calgary, Can.

World War II as an emergency measure is not only hurting the railroads but adding thousands of dollars to livestock shippers' transportation costs, not only by rail but also by truck.

Saddle Thief Sentenced

Arthur Lee Stewart drew a sentence of five years in the penitentiary on April 16 on a plea of guilty to the theft of two saddles belonging to Alvin Strother of Brazoria. The plea was entered before District Judge John C. Patterson and the state was represented by District Attorney Sam Lee. The case was investigated by Deputy Sheriffs Lester Livesay and Robert Goode and Texas and Southwestern Cattle Raisers Inspector Leonard Stiles.

Beef Slogan Contest

HOW would you describe the goodness, the tastiness, the healthfulness of Beef?

Could you do it in five words?

Then you can be the winner in the beef slogan contest being sponsored by the Junior American National Cattlemen's Association.

The contest is simple: Five words or less, one slogan to a postcard, mailed before midnight, July 1, to Dale Robinson, contest chairman, Ralph, S. Dak. Be sure to add your name and address to the postcard entries.

No entry fee, nothing to buy. Anyone can enter.

The winner will receive an outstanding feeder calf from a noted Wyoming herd, or the cash equivalent at weaning time.

The beef slogan contest is a new activity of the Junior Cattlemen and slogans will be used in the beef promotion campaign. So entrants are helping to sell more beef, besides having the chance of winning the calf or cash.

Robinson, who is also the Junior Cattlemen's president, said that several hundred entries have already been received with nearly every state represented.

Pasture Leasing Fairly Active

But Spring Movement Into Kansas and Oklahoma is expected to be smaller than last season

LEASING of bluestem pasture has been fairly active this spring with 75 per cent of the available acreage under lease by April 1, according to the U. S. Agricultural Marketing Service and the Kansas State Board of Agriculture. This compares with 81 per cent under lease a year ago at this time and the 10-year (1946-55) average of 82 per cent leased by April 1. The shortage of pond water up to late March had caused pasture owners to be slow in leasing pasture acreage. However, recent heavy rains have been sufficient for good runoff and ponds are

Rather slowly **G**

OH, BEEFMASTERS THRIVE ON A DRY PRAIRIE

REFRAIN:

1. Oh, Beef-mas-ters thrive on a dry prair-ie, The sun a
 2. And in the late fall, when the sage is grey, They head down

D-7 C G

1. burn - ing can - o - py In win - ter their coats, glist'n - ing with
 2. trail the mar - ket way, Beef-mas-ters will have fin - ish and

D-7 G

1. ice — The Beef-mas - ters think — it a par - a - dise.
 2. yield — To re - main the tops in an - y field.

Lasater **BEEFMASTER**

"More Beef for Less Money since 1908"

Ranch: MATHESON, COLORADO

Mailing address: THE LASATER RANCH, FALFURRIAS, TEXAS



REG. U.S. PAT. OFF.
FOREIGN PAT. PEND.



MARKET YOUR HEREFORD STOCKERS AND FEEDERS

SELL

When large numbers of good quality cattle attract additional buyers.

BUY

When large numbers of good quality cattle afford ample selection on one day at one place.

**NEXT SALE AT
FORT WORTH**

**MAY
10th**

Other sales at Fort Worth are scheduled

June 7 July 19 August 16

September 13 October 11

These sales are at the Fort Worth Stockyards on Fridays. Stockers and feeders show for awards in all sales.

SAN ANTONIO SALES

July 11 September 5 October 24

All sales are at the Union Stockyards, on Thursdays. Write Carlton Hagelstein, Box 800, San Antonio, Texas.

ALL SALES SPONSORED BY THE TEXAS HEREFORD ASSOCIATION IN COOPERATION WITH COMMISSION COMPANIES AND STOCKYARDS COMPANIES OF FORT WORTH AND SAN ANTONIO

for additional information write your commission Co. or

TEXAS HEREFORD ASSOCIATION

Henry Elder, Manager • 1105 Burk Burnett Bldg.
FORT WORTH, TEXAS

returning to more normal conditions. Some ranchers are planning on light grazing to permit recovery from the prolonged drouth. Up to April 1, few cattle had moved into the area and increased inshipments are not expected until late April. The number of cattle moving into the area is expected to be below last year.

Prospects for early grazing are fair to good. Most sections of the Flint Hills have been greatly helped by recent rains. Topsoil moisture is adequate and the subsoil has benefitted. However, more rain will be needed as the season progresses. Many pastures were closely grazed last year and very little old grass remains. The condition of pasture feed on April 1 was reported at 71 per cent—3 points above April 1 a year earlier.

Per head lease prices are slightly below last year for all classes of cattle. Most of the leases for aged steers were from \$18.00 to \$25.00 per head for the season with the average \$20.70. This compares with \$21.00 a year ago—\$21.20 two years ago and \$20.00 in 1954. The bulk of the leases for cows were from \$22.00 to \$30.00 and averaged \$26.00 which compares with \$26.40 last year—\$25.60 in 1955 and \$22.80 in 1954. Leases for young cattle ranged mostly from \$15.00 to \$20.00 and averaged \$16.40 compared with \$16.60 in 1956 and 1955 and \$15.60 in 1954.

Acreage guarantees are slightly higher than last year, and range from 4 to 8 for aged steers, 5 to 10 acres for cows and 3 to 5 acres for young cattle. Pastures leased on a per acre basis averaged \$3.80 this year compared with \$3.90 a year ago, \$4.00 two years ago and \$3.70 in 1954.

Osage Pastures of Oklahoma

The leasing of pastures has been active in the eastern part of the section, but limited in the western part. Lease prices are about the same as last season, with larger acreage guarantees. Grazing prospects are fair to good, with ample pond water in the east but the west and northwest have some local pond water shortages. Generally, soil moisture conditions were improved by March and early April rains and with warmer weather the grass will make rapid growth. There is little old grass and stands are thin where heavily grazed during the drouth. Present indications are that the movement of cattle in will be smaller than last season and later than usual.

Texas and the Southwest

The spring movement of cattle into Kansas and Oklahoma pastures from the Southwest is expected to be smaller than last season, due to reduced inventories and a smaller supply of cattle for pasture outlet. Improved grazing conditions in central, eastern and south Texas have developed considerable local demand for cattle and calves. In the Texas sections that supply pasture cattle, there has been active contracting of cattle and calves for California and Arizona; also contracting for feed lot replacements

(Continued on Page 24)



**FIRST
PLANTING
FOR
PROFIT**

Today's mechanized farms are food factories... dependent on trucks, tractors, planters and other equipment to produce the greatest yield per acre for profitable operation. But profits depend on care... scientific feeding and cultivation of land and the correct lubricants, properly applied at regular intervals, to keep farm equipment in the fields at peak efficiency.

This means Mobilube Gear Oils for top

protection and minimum power loss, plus anti-acid Mobiloil to prevent corrosive wear. Unchecked, acids formed in engine operation corrode cylinders, rings and bearings. Result is improper tolerances, inefficient performance, and eventual loss in time and needless repairs. Continual use of Mobiloil means longer life for all farm engines. Make Mobiloil your first planting for profit, delivered by a Mobil Man to your farm.

make it



for fuels and lubricants

MAGNOLIA PETROLEUM COMPANY, a Socony Mobil Company

FACTORS AFFECTING THE LIVESTOCK INDUSTRY

By JOHN W. STEPHENS

NOTE TO THE READERS: The information on this page is assembled and written about the 20th of each month, nearly two weeks before you read it. This is necessary in order to meet the publication date. Frequently it is necessary for the author to make estimates of coming events. Sources of information and reasons for statements will be furnished on request. Address your inquiries to The Cattleman.

The statements on this page are solely the opinions and views of Mr. Stephens and in no way reflect the views of the editorial staff of The Cattleman. Mr. Stephens is an investment counsellor and you may address any inquiries to him in care of The Cattleman. If you have any suggestions for information that you think should be on this page send your recommendations to the editor.—The Editor.

TRENDS:

Farm Products: Sales in retail food stores are running about 7 per cent above the same period of last year. This helps to support basic farm prices which are slightly higher than last year.

Parity: Unchanged at 80. The relationship between prices farmers receive for their products and prices they pay for goods and services is apt to show little improvement. In fact, it would not be surprising if the parity ratio went lower this year.

Industrial Production: Levelled out at 146 for the first quarter of the year. Idle capacity has increased in many basic industries as demand for goods has tended to level off. The number of hours worked per week is less and overtime pay is down.

Cost of Living: On the last report from the Bureau of Labor Statistics it stands at 118.9 (using 1947-1949 as 100). This is an increase of 3.7% in the past year or nearly 1/3 of 1 per cent per month. That is what you can call "creeping inflation."

Personal Income: Consumer income in the first quarter of this year is running about 5 per cent above the same quarter of last year.

FAVORABLE:

1. During the past year live animal prices have advanced only an average of 6 per cent while the composite retail value of meat prices in big cities has advanced 18 per cent. There is room for improvement in the live animal price structure.
2. Pasture feed conditions for the country as a whole average 76 per cent of normal, which is the highest since April of 1953. Present indications are for further improvement.
3. In the 337 cities reporting to the Federal Reserve System spending for the past 3 months is running about 7 per cent above the same period as last year.
4. Production of egg type chickens during the first 3 months of this year was down 25 per cent from the same period of last year which means higher egg prices this fall.
5. Corn stocks on farms are estimated to be 8 per cent larger than a year ago and 22 per cent above the average for April 1st.

UNFAVORABLE:

1. Less hay acreage is likely to be cut this year than at any time in the past 9 years.
2. The spread between stocker-feeder animals and choice slaughter grades is about the same as last year in dollars per 100 lbs. It should be more than that in order to assure a comfortable profit margin.
3. Last year broiler producers turned out 1.3 million birds, a fourth more than in 1955 and prices fell to the lowest level in 15 years. Looks as though history might repeat itself again this year.

COMMENT: It has been often said, "Population growth will insure prosperity!" Some of the country's severest depressions occurred during periods of greatest population growth. Unless production per worker increases, a marked increase in the number of non-producing dependents must inevitably reduce the standard of living of all concerned. Prosperity of neither individual nor society is increased merely by sharing income with more dependents.

at less than a penny per day!

DO BETTER ...

On your ranges and pastures this spring and summer... WHEN you'll permit them to obtain and balance out their daily needs

with the new-improved

FREE CHOICE

**Livestock
SUPPLEMENT**

The PATENTED Mineral-Vitamin Compound

EXTRA
YEAST ADDED

EXTRA
FORTIFICATION



HEAVIER, HEALTHIER ANIMALS



and next fall and winter when you total-up your net returns from your grasses and roughages in ...

Heavier, Healthier Animals
Sustained High Milk Production (No Summer Slump)
Better Quality Milk - Beef - Pork

DID BETTER ...

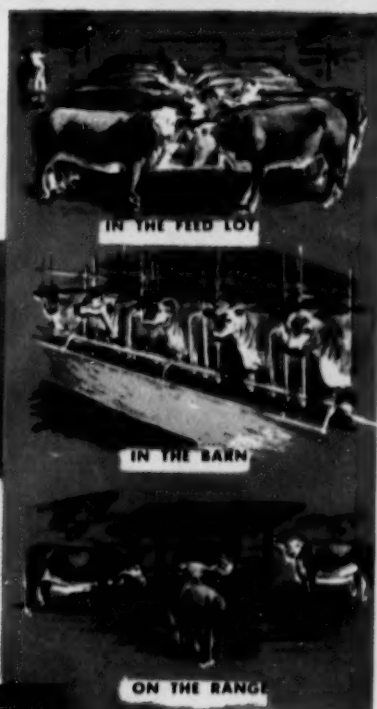
because . . . **VIT-A-WAY IS MORE**
and DOES MORE for LESS MONEY
than "Just a Mineral Mixture".

Specific formulations for areas—and every condition of weather—season—pasture.

**USE VIT-A-WAY MINERAL-VITAMIN FORTIFIER IN YOUR FEEDS AND
FEED FREE-CHOICE VIT-A-WAY SUPPLEMENT THE YEAR 'ROUND!**

SEE YOUR DEALER FOR FREE TRIAL SAMPLE AND FEEDER PLAN OR WRITE:

VIT-A-WAY INC., DEPT. B, FORT WORTH, TEXAS



BETTER QUALITY MILK — BEEF — PORK

TR TR TR TR TR TR TR TR TR TR

1,852 POINTS* IN 1955-1956

POINTS* IN 1956-57

*There Is a Reason . . . a Very Sound One!***TR ZATO HEIR**

Third among the living
Register-of-Merit sires and
fourth on the all-time list,
TR Zato Heir added 130 points
in the 1956-57 show season
for an 847-point total.
He is pictured at 10 years
old in his paddock
at Turner Ranch.

**SULPHUR, OKLAHOMA**

Now, four sons and one grandson of TR Zato Heir are on the Register of Merit. They are Straus Medina's TR Zato Heir 88th, fastest-climbing sire of 1956-57, J. P. McNatt's TR Zato Heir 27th, now deceased, and G. H. King's TR Zato Heir 74th that were joined this year by the Hi-Point, Woody, Turner and Thornton sire, TR Zato Heir 262d, and the bull we own with Hull-Dobbs, TR Royal Zato 27th, the two leading newcomers of the year.



The Cattleman

CORRAL

Edited by HENRY BIEDERMAN

BLIZZARD LOSSES—Ranchers in Northeast New Mexico claim they have Congressional support for government cash payment for cattle lost in the March blizzard. James Morrow, Raton, N. M., rancher says petitions asking the government to make direct monetary aid the same as for other disasters, such as foot-and-mouth disease, will be circulated among ranchmen in the blizzard areas of New Mexico, Colorado, Oklahoma, Texas and Kansas. They ask for \$100 for each adult cow lost and \$25 for each young calf.

* * *

PARITY PRICES—The effective parity price for beef cattle on March 15 was \$22.40 per cwt., up 10 cents from Feb. 15 and a year ago. Average prices received by farmers for beef cattle on March 15 was \$16.00 per cwt., up \$1.10 from a month earlier and \$1.50 from a year earlier. This is still \$4.20 per cwt. below the 5-year average, 1947-1949.

* * *

COLD STORAGE OF MEATS—Holdings of beef on March 31, 1957, had declined 27 million pounds, nearly four times larger than the net change for March last year and twice the average change. Beef stocks at 177 million pounds on March 13 were 13 per cent below the previous month and six per cent below this date last year. Pork stocks were increased by 15 million pounds by March 31 compared with a decrease of four million pounds last year this date.

* * *

BEEF PROMOTION—The Colorado Legislature passed a bill enabling cattle producers and feeders to finance Colorado's share of a nation-wide campaign to sell more beef, conduct marketing research and promote beef at the consumer level. The measure allows a

check-off of not to exceed 10 cents per head on all cattle sold in the state, to be collected at the time of change of ownership.

* * *

COMPLETE INDEX—The last 16 pages of this issue are devoted to a complete index of Volume Forty-Three (June 1956-May 1957) of The Cattleman. This index covers all editorial items published during the past year and should be valuable to those who keep copies of The Cattleman on file. We hope our readers find this index of value to them.

* * *

CATTLE ON FEED—USDA reports that on April 1 there were 4,392,000 head of cattle on feed in 13 major feeding states—4 per cent more than at same time last year. Texas showed a decline of about 25 per cent from same time last year—down from 97,000 head to 72,000.

* * *

CATTLE SLAUGHTER—Butchering of cattle for the first three weeks in April was the smallest in two years. During this period leading packers slaughtered 856,047 cattle, a decline of 4.5 per cent from March and 12 per cent under January, 1957. Calf slaughter at 310,140 was down 4 per cent from March and 2.4 per cent under April last year.

* * *

STOCKER-FEEDER SHIPMENTS—Inspected stocker and feeder shipments from public stockyards during March showed an increase of 4011 head over March, 1956, but shipments to most leading states were down. Iowa, Missouri, Kansas, Oklahoma and Texas showed declines, while Illinois, Nebraska and California showed increases. Total shipments for the month were 283,460 head, against 279,449 in March, 1956.

"This work is highly competitive, and the tractor has to move dirt most economically. That's why we own Caterpillar Diesel Tractors. They turn out more work" — J. D. Beaty, Wheeler, Tex., knows what it takes to keep his customers satisfied! His D6 is shown building a pond near Wheeler.



It will pay you to patronize the Farm Power Contractor with the Big Yellow CAT Machines . . .

There's a farm power contractor in your community with big, yellow Caterpillar machines. His specialty is clearing land, moving dirt, and frequently, custom seedbed fitting.

If you have need for his type of services, it will pay you to patronize him. He has the equipment and "know-how" to handle your work with that professional touch and completeness that net you more yields, more money in the long run.

With his big, specialized Cat equipment and efficient operation he may be able to save you money on both routine farm jobs and big scale clearing and earthmoving jobs. You may find there are certain tax advantages to using his services, too.

But here's a tip: be sure he has Caterpillar equipment. This is your best insurance that you are get-

ting the most acres cleared or prepared — the most dirt moved — for your money!

We'll gladly put you in touch with such a man — just call us. We can help you analyze your farm operations to determine the most efficient equipment with which to do your work. This service does not obligate you, of course.

SUCCESSFUL TEXANS OWN

CATERPILLAR

EQUIPMENT



YOUR TEXAS **CATERPILLAR** DEALERS

Caterpillar and Cat are Registered Trademarks of Caterpillar Tractor Co.

CENTRAL TEXAS MACHINERY COMPANY

Abilene — Odessa, Texas

DARR EQUIPMENT CO.

Dallas — Gladewater — Wichita Falls — Waco, Texas

HOLT EQUIPMENT CO.

Brownsville — Weslaco, Texas

WM. K. HOLT EQUIPMENT CO.

San Antonio — Corpus Christi — Austin, Texas


MUSTANG TRACTOR & EQUIPMENT COMPANY

Houston — El Campo — Lufkin, Texas

WEST TEXAS EQUIPMENT COMPANY

Amarillo — Lubbock, Texas





- From 26th to 7th on the Register of Merit
- America's Fastest-Climbing Register-of-Merit Sire
- Highest Total Points in One Year in ROM History
- Fifth-Ranking Living Sire on Register of Merit

TR ZATO HEIR 88th

TRAUS MEDINA HEREFORD RANCH

Joe Straus
H. A. Fitzhugh
David
Joe Straus, Jr.

SAN ANTONIO, TEXAS

Now... A Register-of-Merit Sire



TR ROYAL ZATO 27th

The get of TR Royal Zato 27th were top "money winners" from one sire, at National Western at Denver, Southwestern Exposition at Fort Worth, American Royal at Kansas City and Blue Grass at Lexington, Kentucky—all Register-of-Merit shows.

Owned jointly with Turner Ranch

★ the first son of "THE 88th"
to make Register of Merit

★ the first grandson of
famed TR Zato Heir to
make Register of Merit

★ one of the top
ranking newcomers of
this year

TR Royal Zato 27th joins the Register of Merit with 167 points compiled by six sons and seven daughters. In our Fort Worth herd, he is being used on a cow herd of clean-pedigreed brood matrons of the very highest quality . . . and in our Mississippi Polled Hereford herd, he is also being used with outstanding results.

You're Invited

We invite you to come and see the new calves by "the 27th" at both ranches. Breeders who have seen them tell us they are better prospects than we have ever had. We would like also to show the many calves we have by "the 203rd" and his sons . . . we believe you will like them.

assisting "the 27th"



*HH Real Onward 203rd

Assisting "the 27th" is HH Real Onward 203rd and three of his sons. They are siring the Cowman's kind . . . rugged yellow individuals with lots of quality. "The 203rd" is owned jointly with Straus Medina Hereford Ranch.



For Sale, a good selection of top quality Range Bulls ready for service.

George Kleier
Gen'l Mgr.

Ray Parks
Manager

Melvin Campbell
Herdsman

PHONE NEWARK, TEXAS
9-2611

Hull-Dobbs Ranch

FORT WORTH, TEXAS — ROUTE 9, BOX 101

15 miles north on U. S. 81 then 2 miles west on Farm Rd. 718

The Cattlemen's WASHINGTON ROUNDUP

By JOHN HARMS, THE CATTLEMAN'S Special Washington Correspondent.

A national livestock check-off for meat promotion now has a better-than-even chance of getting congressional approval—but it's far from a lead-pipe cinch. Here's what a spokesman of one national farm organization, the Grange, says about it:

"The fight is bitter, deep-seated and very significant . . . A couple of general farm organizations feel these 'check-offs' pose a threat to themselves. They take a like view of commodity organizations. It is their opinion that these organizations would gradually take the place of the general farm organizations and would 'fragmentize' agriculture. Groups with narrow interests, they claim, especially when financed far better than the general organizations, represent a tremendous threat not only to the general farm organizations, but also to agriculture itself. The Grange does not share this view . . ."

Meantime, the House Agriculture Committee has approved the idea—and expect the House to go along

with it shortly. Little or no trouble is expected in the Senate.

The House bill stresses a voluntary check-off, in line with a resolution of the Texas and Southwestern Cattle Raisers Association. Only responsibility the Agriculture Department would have would be to receive annual receipt and spending reports from deduct collecting organizations—and making them public. Check-off would be up to 10c a head for cattle and calves, 5c a head for sheep, lambs and swine. Shippers who don't want the check-off would have 30 days in which to apply for refunds.

* * *

Humane slaughter bill also has a good chance of being adopted by Congress. Present Capitol thinking is that a study commission be set up to report back to Congress on what killing methods could be used most practically and efficiently in a humane manner for the whole livestock slaughter industry. Impetus for greater "humanity" comes from certain segments of the prevention-of-cruelty-to-animals movement.

* * *

Grazing land will not get into the Soil Bank—in the opinion of highly-placed congressional and Agriculture Department officials. Opposition stems not only from Secretary Benson, but from some congressmen from western range country.



TAKE A GOOD LOOK
THE LATEST SHIPMENT OF
BRANGUS . . .
CARRYING OUR BRAND
TO SOUTH AMERICA

*We Think These Are Mighty Fine Cattle and
Our Reputation Goes With Them. Good Luck!*

Clear Creek Ranches



Frank Buttram

Charter Member, American Brangus Breeders Association

Dorsey Buttram

RANCHES AT WELCH, OKLAHOMA, AND GRENADA, MISSISSIPPI

For example, Rep. Hill of Colorado says he will oppose such proposals on grounds they would put western cattlemen on "pension," and shift the heart of the cattle industry to Southeastern states—"where they can have lush grass the year 'round." Hill figures drouth would force his constituents to use Soil Bank payments to cut down on cattle numbers—but Southeastern producers, not faced with short grass, would increase production.

Secretary Benson doesn't like the idea because, he figures, it would cost too much money. Also, there is a growing feeling inside the USDA that, after all, the drouth may be broken.

Under proposals by Oklahoma's Rep. Albert, you'd get \$25 a head for all cattle reduced below officially estimated carrying capacity on your ranges. You'd be paid for cuts already made, and reductions would range between 10% and 25% below range capacity. You also would be paid for retiring actual grazing land. In addition, Phil Ferguson, vice-president of the Oklahoma Cattlemen's Association, advocated at recent hearing that USDA be required to buy beef when cows reached a carcass price of 24c. This suggestion fell on deaf ears in the House Agriculture Committee.

* * *

Has the need for Southwest drouth aid ended? The Agriculture Department thinks it has in many areas. So—it is cutting drouth assistance programs back sharply. Less than half the 600 counties which received feed grain help have been cut off, and only about one-third of the 540 counties getting hay and roughage help still are getting it. USDA also is not renewing permission to graze Soil Bank land.

Congressional critics of USDA policy point out that it takes more than just a few months of rain to break the drouth. Nevertheless, USDA is not expected to change its mind.



THIS IS IT!!!

A SELF-RATIONING PASTURE SUPPLEMENT PROGRAM FOR YOU THAT IS PRICED RIGHT...

DEVELOPED ESPECIALLY FOR NORTH AND WEST TEXAS



In one bag—All the basic ingredients perfectly balanced to help your livestock extract more nutrition from YOUR available pastures and roughages—AT LESS COST.

ALEDO SELF-RATIONING PASTURE SUPPLEMENT . . .

DEVELOPED. Formulated and Perfected to meet the specific requirements of livestock in this area through research by The Department of Research and Control of VIT-A-WAY, Inc., Fort Worth.

MANUFACTURED by Aledo Feed Mill, Inc., under modern precision methods, to fill the demands of livestock raisers in this area for an easy to feed—economical supplement for year 'round Free-Choice feeding with pastures and roughages.

TESTED AND PROVEN by customers of Aledo Feed Mill under specific area conditions and numerous tests.

**SAVES LABOR . . . CUTS COSTS . . . INCREASING OFFSPRING
. . . INSURES MORE PROFIT-POUNDS PER ACRE GRAZED**

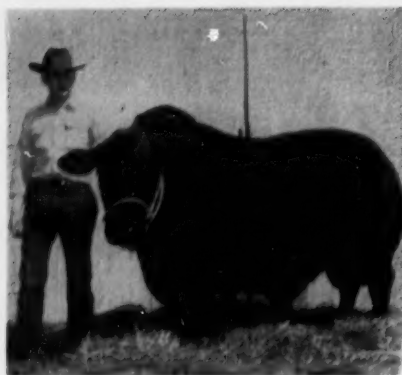
No additional supplements are necessary with this program because Aledo Self-Rationing Pasture Supplements contain an abundance of highest quality proteins and are fortified with the recommended levels of a famous patented FORTIFIER.

**START TODAY . . . TURNING YOUR PASTURES INTO
MORE PROFIT POUNDS . . . CHEAPER!**

Aledo Self-Rationing Pasture Supplements are available in five protein levels—12%—14%—15%—20%—36%—offering a specific formula for every condition of Texas weather, pasture and season, and is all a livestock owner needs in addition to his available grasses and roughages for profitable livestock raising. Each formula available with or without low level phenothiazine.

CALL OR WRITE TODAY . . . BETTER STILL DROP IN AND GET FULL DETAILS

ALEDO feed mill INC.
TELEPHONE Clearwater 8-4221 ALEDO, TEXAS



THIRTEEN REASONS WHY YOU SHOULD BUY BRANGUS CATTLE

1. They have no horns.
2. They have great resistance to cancer eye and pink eye.
3. They are extremely hardy.
4. They make fast gains on poor grades of food.
5. They are solid black in color.
6. They can stand both heat and cold.
7. They are not bothered by flies, ticks and lice.
8. They have a high dressing percentage for meat.
9. Mothers give good milk and calves make rapid growth.
10. They grow larger than most breeds.
11. They are easy to handle.
12. Our Brangus are good breeders because they are from the most popular blood lines today: MANSO
13. The Brangus Association is the fastest growing Association of cattle breeders in the world today—BAR NONE!

DALE CARNEGIE RANCH

RUSSELL WERNEX, Manager

TELEPHONE: Harrisonville, Missouri, 65 X 7

WRITE: Dale Carnegie Ranch, Harrisonville, Mo.

WHY NOT DRIVE OVER TO SEE US?

48 Miles South of Kansas City, Mo.
Take Highway 71 to Lanetree Crossroad,
Then 1 Mile East

Registered

Brangus

Cattle

ACP and Soil Bank conservation reserve will be consolidated into one program—if Chairman Whitten of the House Appropriations subcommittee on agriculture has his way. A recent field investigation by committee on agriculture has his way. abuses of the conservation reserve, says Whitten. He maintains that both programs are valuable conservation aids, but both should be run by ACP officials.

If this is done, it is not expected to change the rules under either program. ACP would continue to pay up to 50% of conservation practices on annual contracts, and CR would continue to pay up to 80% on 3, 5 and 10-year contracts. Whitten says it won't make any difference in the programs themselves—just provide better administration.

* * *

No more special treatment for basic commodities—corn, cotton, wheat, rice, peanuts and tobacco. That's the aim of Secretary Benson—and he's expected shortly to come up with reasons as to why, and recommendations on how.

Benson's aim, as he told a recent press conference, is to wipe out present minimum guarantees for price supports so he could use his judgment on where supports should be. Present floor is 75% of parity. Benson prefers no floor, but indicates he would be satisfied temporarily for a drop of 10% to 15%. Not much chance that Congress will buy the idea this year.

UNION FEED YARDS

P. O. Box 338, Blythe, Calif.

Associate Members

J. W. Espy, Fort Davis, Texas

Adolph Miller, Los Angeles, Calif.

Joe B. Finley, Encinal, Texas

Sid E. Moller, Blythe, Calif.

CUSTOM CATTLE FEEDING

We are equipped to handle more cattle efficiently than any feed lot operation in California.



ANGUS produce the beef housewives prefer

More marbling, bigger rib eye-less bone and wasteful fat increase demand for Angus beef

Who sets the price on beef? Well, actually, it's the housewife because she is the No. 1 buyer. And, what does she want in a beef cut? She wants it tender, with good color and fine texture to the lean. But she doesn't want to pay for big bone and excess fat. She prefers the kind of beef that Angus produce.

Packers pay more for Angus

The packer knows what the housewife wants. That's why he'll bid more for good Black steers . . . they produce the kind of beef that the housewives demand and pay more for . . . they also yield 1 to 2 percent more of the desirable cuts. Frequently, his bid is \$1.00 to \$2.00 per cwt. more for Angus.



ANGUS STEERS are bred to be better, full of red meat that's well-marbled. They are thick in the loin, deep and low set, carrying down full in the twist and wide in the quarter. Yes, it'll pay you to feed Angus.



STEAKS—Angus have big, full loins which make good-looking and good-tasting steaks.



POT ROASTS—The excellent marbling and fine texture of lean in Angus help make arm and shoulder roasts tender and delicious.

Angus convert feed into quality beef —efficiently and economically

What do you, the cattle feeder want? Well, you're interested in a wealth of natural fleshing and the ability to make economical gains. You want thick, good-middled, good-doing cattle that are smooth enough to bring these top prices when finished.

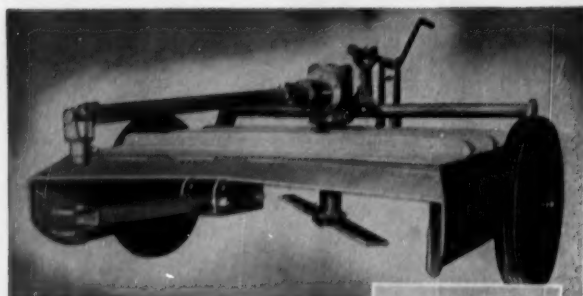
Actually, you too want Angus. For Angus have size and substance and smoothness, without being coarse and wastey. They are efficient converters of your grain and roughage into market-topping beef.

Be ahead! Feed Blacks! Breed Blacks!

Remember, with Angus, you're not turning \$1.50 corn and \$15.00 hay into excess bone, belly and brisket, but into quality beef the housewives prefer and the packers pay more for.

American Angus Association

3201 Frederick Blvd., St. Joseph, Missouri



Stockmen Praise It

If you are having a hard time whipping the scrub brush problem you need the machine stockmen praise—a Caldwell S-2 Rotary Brush Cutter. The S-2's spring steel blade of special alloy will cut brush two inches thick and better. It will put a pasture in good shape and keep it that way. It's light enough for a 16 h.p. tractor, but heavy enough for hard jobs. If your tractors are power-lift type, ask your dealer, or write us about the PL-2, or the PL-5s, for three-point, Quick Coupler or Snap Hitch tractors.



E. L. CALDWELL & SONS

Corpus Christi, Texas

OUR 1955 BULL CALVES FOR SALE IN 60 DAYS



typical of
the quality
in our bull
offering

Ranch on U. S.
281, ten miles
south Wichita
Falls. Mailing
address: City
National Building.

OFFERING A GOOD
SELECTION (2 CAR-
LOADS) OF TOP
RANGE BULLS . . . 2
YEARS OLD IN THE
FALL . . . REASON-
ABLY PRICED.



(Continued from Page 10)

and pastures in midwest and central Plains States. Texas has the smallest supply of steers in over thirty years, with the January 1, 1957 inventory estimates showing about 10 per cent less calves than a year ago. Oklahoma and New Mexico have smaller inventories of steers and calves than a year ago. The spring movement of cattle from South Texas will be later than last season.

More Cattle and Calves on Feed

Indications Are That Marketings Will Be At Slower Rate Than Last Year

THE number of cattle and calves on feed for market in 13 major feeding states on April 1 was estimated at 4,392,000 head. This was an increase of 4 per cent from the 4,222,000 head on feed April 1, 1956. An increase of 4 per cent from January 1, 1956 to January 1, 1957 also occurred in these same states. The April 1, 1957 number of cattle and calves on feed in the 13 States was 15 per cent below the number on January 1, 1957 which is about the usual decline during that period. Numbers placed on feed in these states during the 1957 January-March quarter at 1,736,000 head were about the same as the 1,728,000 head placed in 1956. Fed cattle marketed from the 13 states during the first quarter this year at 2,516,000 head were 2 per cent above the similar period for 1956. Cattle and calves on feed in Idaho, which are not included in the 13-states, totaled 100,000 head on April 1, 1957—down 15 per cent from 1956.

Cattle and calves on feed in 9 of the Corn Belt states on April 1, 1957 totaled 3,661,000 head—6 per cent larger than the 3,465,000 head for a year earlier. All of the Corn Belt states for which cattle on feed estimates are made showed increases over April 1, 1956, except Nebraska which was down 1 per cent, and Kansas, down 17 per cent.

For the five important western feeding states, Texas, Idaho, Colorado, Arizona, and California, cattle numbers on feed April 1, 1957, at 831,000 head, were down 5 per cent from the 875,000 head on feed April 1, 1956. This compares with a 1 per cent increase from the preceding year shown by these same states on January 1, 1957. Colorado, the only one of the five western states to show an increase over 1956 in cattle on feed April 1, 1957, was up 15 per cent. California numbers at 297,000 head were unchanged from 1956, while Texas was down 26 per cent, Idaho down 15 per cent, and Arizona, down 18 per cent. Fed cattle marketed from California feed lots during the first quarter of 1957 totaled 375,000 head, down 1 per cent from the 379,000 head marketed in the same quarter of 1956.

In the 13 states, numbers on feed over three months on April 1, 1957 was 6 per cent above 1956, while those on feed less than three months were about unchanged from 1956. The breakdown of numbers by

"The Home of Champions"

"Better Beef-Bred Brahman"

AFTON BURKE

Ranch Res. Telephone . . 4-6493
Office Telephone 4-5636

Cable: JACETO

P. O. Box 876

BURKE BROS.

STATE NATIONAL BANK BUILDING

CORSICANA, TEXAS

HARRY BURKE

Residence Telephone . . . 4-5853

G. M. BOYD, Office Manager

Office Telephone 4-5636

Residence Phone 4-7315

Fellow Cowman:

If your present cattle operations are not showing a satisfactory profit—Modernize your breeding methods, the most economical way, by using your present cows and producing hybrid calves that weigh more, sell higher, and dress a higher per cent of top quality beef. This can be accomplished only by the use of top quality, full blood Brahman bulls. Hybrid breeding is no longer an experiment. Its great advantages have been scientifically proven for many years and are now recognized by all cowmen who have had experience in breeding or feeding hybrid cattle.

If you are among the many cowmen who are now disturbed about the weight for age of your calves, this is your answer. Buy top quality registered Brahman bulls out of a proven beef producing Brahman herd. Do not make the mistake, many have unfortunately made, of buying a hybrid bull, or a cold blooded Brahman bull—one carrying the blood of some other breed of cattle, or even a registered Brahman bull of the wrong type and conformation. It is very important to stay with blood lines of proven beef producing ancestry. Your herd bulls, as all experienced cowmen know, are the most important part of your herd. Do not expect an ordinary Brahman bull to perform miracles. Buy only the best in Brahman as you do in other breeds. You will find they will pay for themselves quicker and you will show much more profit on your calves. Results at Federal and State Experiment Stations have shown increased calf weaning weights of 65 to 150 pounds due to hybridization. This increase is all profit as the demand for hybrid calves sired by Brahman beef bulls is much greater than the supply. Choice hybrid calves will bring top prices on any market and can be sold at a premium to many small packers and markets on a dressed weight basis. Some feeders are now paying premiums for hybrid calves and yearlings. If you are not producing hybrid calves, a good Brahman beef bull will increase your income enough to soon pay for the bull.

IF YOU ARE INTERESTED IN TRUE HYBRID VIGOR, RAPID GROWTH, HYBRID-DRIVEN HARDINESS, PINK EYE AND DISEASE RESISTANT CALVES, THAT WILL GO TO MARKET EARLIER AND WEIGH MORE, WITH A HIGHER DRESSING PER CENT, THEN YOU MUST CROSS A PURE BRAHMAN WITH ONE OF THE OTHER BEEF BREEDS.

Let us discuss hybrid beef breeding with you, and show you hybrid animals of all ages that will convince the most skeptical of its great advantages. We can give you the advantage of our many years of experience in hybrid cattle breeding and help you get started in the most economical way.

Yours very truly,

Afton Burke

Breeding Grand Champions as early as 1944 enables us to offer Brahman of Championship Ancestry at reasonable prices

Red Brahmans . . .

Tops for Crossbreeding

Tops for Milk Production



FOR SALE

Bulls of Breeding Age That Have Lots
of Quality and Are Ready
to Go to Work

Also a Good Selection of Heifers

Dr. T. M. Neal

WHARTON, TEXAS

Breeder of Red Brahms Since 1920

WHY THE MARKED INCREASE?

IN THE USE OF

BLACK STRAP MOLASSES

BECAUSE

- **MOLASSES** from cane is a highly valuable feed, rich in sugar and minerals, resulting in healthier, more profitable animals.
- **MOLASSES** makes roughage more palatable, reduces waste and makes more feed available for consumption.
- **MOLASSES** cuts total feed costs by substituting for up to one-third of the more expensive carbohydrates in livestock feeding.
- **MOLASSES** is a binding agent in mixed feeds and reduces the dust and wind loss of feeds.

Write for Prices and Information

MOLASSES TRADING CO.

MAIN OFFICE:
503A Jones Bldg.
Corpus Christi, Texas
Phone: TULip 3-8829

STORAGE
FACILITIES
Corpus Christi, Texas
Phone: TULip 3-8718

weight groups indicates considerably more medium weight cattle on feed than in 1956. Cattle under 600 pounds totaled 920,000 head, up 2 per cent from last year. Those weighing from 600-900 pounds at 2,160,000 head were up 9 per cent from 1956. Cattle weighing over 900 pounds at 1,312,000 head were down 2 per cent from last year.

Intentions on April 1, 1957, indicate marketings of fed cattle will be at a slower rate than last year with 47 per cent of the April 1 numbers this year expected to be marketed by July 1. In 1956, feeders intended to market 51 per cent of April 1 numbers by July 1.

Foot and Mouth Disease On Curacao

U. S. D. A. Taking Precautions to Prevent Infection From Entering This Country

AN OUTBREAK of foot-and-mouth disease has occurred on the island of Curacao, Netherlands West Indies, the U. S. Department of Agriculture announces.

As required by Section 306(a) of the Tariff Act of 1930, livestock regulatory officials of USDA's Agricultural Research Service have taken action to declare the island infected by the disease.

Livestock susceptible to foot-and-mouth disease, and fresh, chilled, or frozen meats from such animals, are prohibited entry into the United States from the island, which is located just off the coast of Venezuela. Stricter requirements than were heretofore in effect have also been imposed on imports of animal by-products, hay, straw, and similar materials from Curacao.

This outbreak marks the first appearance of foot-and-mouth disease in a previously non-infected Western Hemisphere area since Mexico was declared free of the disease on December 31, 1954.

National Beef Council Meets

EDWIN KARLEN, Columbia, S. D. was elected president of the National BEEF Council at the second annual meeting of the organization in Kansas City, April 7. Donald Bartlett, Como, Miss., was named vice-president and Bob Burghart, Colorado Springs, Colo., secretary-treasurer.

Seven regional vice-presidents were named; Carl Garrison, San Francisco, Cal.; Forest Noel, Lewistown, Mont.; Leo Welder, Victoria, Texas; Don McMurchie, Centerville, S. D.; Mark Knoop, Troy, Ohio; B. R. Smith, Green Pond, S. C.; and Robert Watson, Clyde, N. Y.

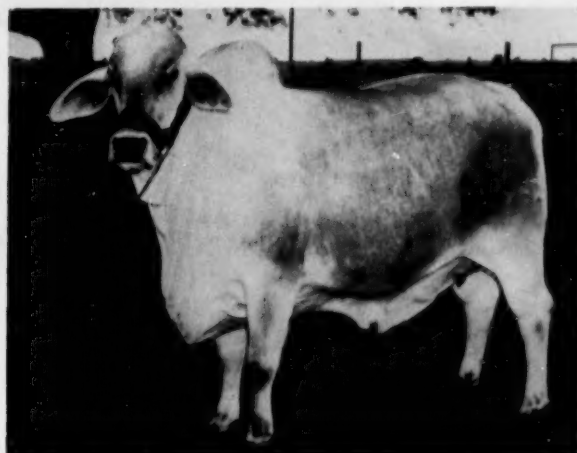
Five directors at large were also elected: Don Collins, Kit Carson, Colo.; John Marble, Deeth, Nev.; J. C. Holbert, Bettendorf, Iowa; Glenn Lewis, Exeter, Neb.; and Mrs. Fred Dressler, Gardnerville, Nev.



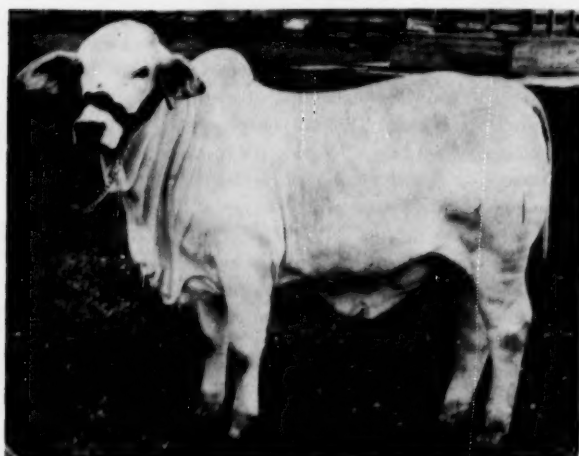
GARRETT-BRED BRAHMAN CHAMPIONS



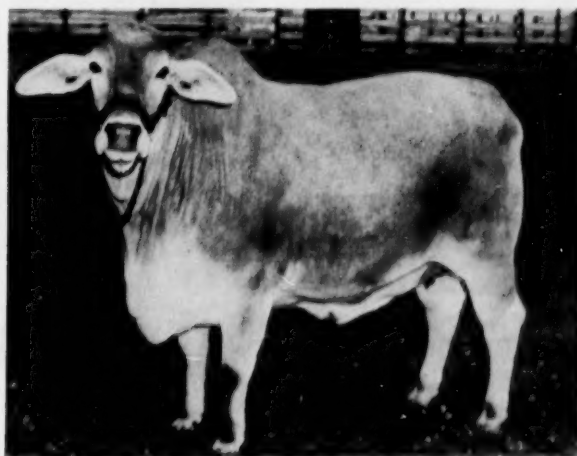
JTG Miss Resoto Manso Jr. 236—Grand champion Brahman female, Houston Fat Stock Show.



JTG Miss Typey Manso 270—Reserve grand champion Brahman female, Houston Fat Stock Show.



JTG Miss Marshall D Manso 381—Grand champion Brahman heifer of the junior breeding beef division, Houston Fat Stock Show. Exhibited by Jacko Garrett.



JTG Miss Resoto Manso Jr. 334—Reserve grand champion Brahman heifer at the junior breeding beef division, Houston Fat Stock Show. Exhibited by Jacko Garrett.

◀ **FOR SALE** ▶

BULLS

\$300 up, two and three years old. Plenty of quality.

HEIFERS

Offering a good selection of top two-year-olds.



Phone:
Angleton 6387

J. T. GARRETT
DANBURY, TEXAS

Box 106





full of spunk...

but beautifully behaved... the '57 Chevy!

It doesn't just look sweet, smooth and sassy... it is! You get sports car control behind the wheel... a solid, sure-footed feel on the road, smooth and easy response to every command.

When you design sports car handling into a passenger car, then drop in the industry's most advanced, most talked-about V8 engine; you've got a car that's noticeably different from any other on the road. That's the new Chevy! Its pep and easy handling make it fun. Safer, too. It's spacious inside, daring in design outside. But still it's a stickler for tradition, and in the grand Chevrolet manner it's known to be as trouble-free as that totem pole!

Drive a new Chevy, one with the exact power you prefer (h.p. goes up to 245*). With triple-turbine Turboglide, too, the newest and smoothest of all automatic drives (an extra-cost option). Your dealer will gladly arrange it... Chevrolet Division of General Motors, Detroit 2, Michigan.



*270-h.p. high-performance V8 also available at extra cost. Also Ramjet fuel injection engines with up to 283 h.p.



The new Bel Air 2-Door Sedan with Body by Fisher—one of 20 new Chevrolets.

Cattle Industry Needs Greater Public Understanding



Senator Johnson in this article written especially for *The Cattleman*, urges public education about the basic importance of the cattle industry; low-cost, long-term credit for cattlemen; and legislation permitting check-offs at markets for self-help meat promotion.



By LYNDON B. JOHNSON
Majority Leader, U. S. Senate



The Lyndon B. Johnson family, left to right, Lucy Baines, Lynda Bird, Mrs. Johnson and the Senator. They are pictured on one of the Senator's Texas ranches.

A PROPOSAL to provide assistance to cattlemen in the drouth disaster areas of the country was under discussion in the House of Representatives one day during the present session of Congress. The proponents of the proposal, including several Texas congressmen, were explaining the serious need for the help the bill would give if enacted into law.

Their presentation was interrupted suddenly by a congressman from a state in the East. He got to his feet and sarcastically proposed that the people of Texas use their "vast oil wealth" to help the state's cattlemen. The gentleman was obviously quite pleased with himself for getting in what he regarded as a double blow at Texas cattlemen and Texas oilmen.

This was not an isolated instance of the appalling lack of any real knowledge in many parts of the country of the problems of the cattle industry or even of the nature of the cattle industry. Millions of Americans, including many in public life, have no idea how hard the industry has been hit by years of drouth and by low cattle prices at a time when ranchmen have to pay high and ever

higher prices for the things they must buy to carry on their ranch operations.

Texas Ranchers Butts of Jokes

This unawareness of matters vitally affecting cattlemen is widespread. It goes deep. Here in Washington we still hear ill-tempered jokes about ranchers driving into town in their Cadillacs to make arrangements for getting drouth relief. And the butts of the jokes seem always to be Texas ranchers!

I have been doubly concerned about this state of affairs. In the first place, I have pride in and love for Texas and dislike seeing the people of Texas presented in an unfair light to the people of other areas. In the second place, such an attitude of mind makes it difficult for Texans in the Senate and the House to get favorable action on programs designed to deal effectively with some of the cattle industry's problems.

Those problems are both numerous and pressing. Some of them can be solved only by the industry itself. On some the industry needs—must have—the help of the government.

In the case of both, a continuing program of public education is of basic im-

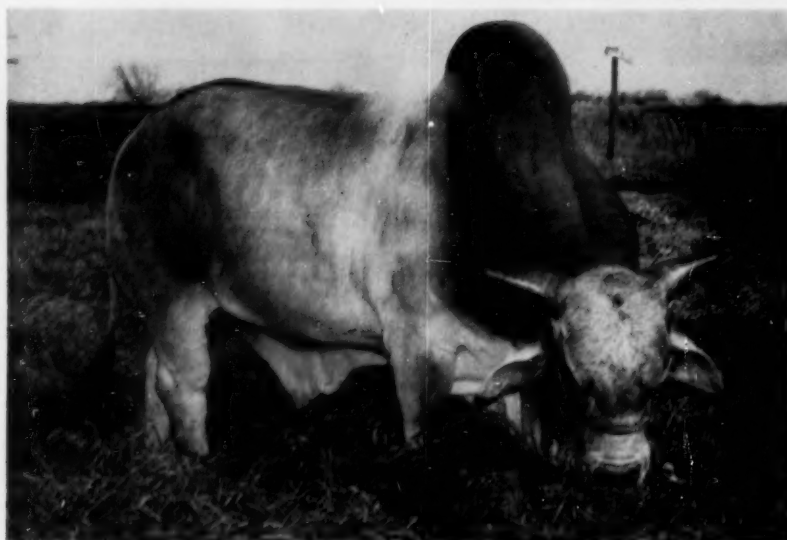
portance. Such a program is necessary to clarify the distorted picture that too many Americans summon up when they think of ranchers and the business in which they are engaged.

One phase of this distortion is that nearly everybody out of the cattle country thinks of the cattle industry as big business. So it is, of course, in the aggregate. Nevertheless, the fact remains about 70 per cent of the members of the Texas and Southwestern Cattle Raisers Association own fewer than 100 head of cattle. At present cattle prices, that figure certainly does not constitute big business.

Many Ranchers Are Broke

Even in the case of the truly big ranches, the picture of two Cadillacs in every ranch garage does not precisely square with the facts. The most presently pertinent of these facts is that many, many ranchers—big ranchers and little ranchers alike—are broke or next to it.

They are staggering under the economic impact of years of disastrous drouth, combined with a high cattle (Continued on page 97)



Purebred Brahman bull.

Crossbreeding With American Brahman Cattle

American Brahman Cattle Are Used Extensively for Crossbreeding and Have Contributed Much to the Beef Cattle Industry Due to Their Wide Adaptation for Crossbreeding Purposes

THE American Brahman has had a tremendous impact on the beef cattle industry in the United States particularly in the coastal regions of the country where the breed has proved itself to be resistant to heat, insects, parasites and other problems that confront ranchers in these areas.

American Brahman cattle can now be found thriving in many foreign countries and in most of the states in the union. American breeders have made much progress toward developing a beef-type animal that when crossed on native cattle has produced excellent results.

Blend Well With Other Breeds

During the past twenty or thirty years crossbreeding with Brahman blood has been practiced extensively in some parts of the country and several new breeds of beef cattle have evolved from the matings of Brahman cattle on other beef breeds. In addition to this many commercial cattlemen have blended Brahman blood into their herds.

Today there are cattle of all descriptions in most parts of the country that have part Brahman blood and Brahman breeders in the United States are optimistic about the future of crossbreeding programs.

On this page and on the following pages are photographs of animals made on the Burke Brothers ranch near Corsicana, Texas. Aside from the two purebred Brahman, these animals all contain some Hereford blood. This is just

one example of the many crosses that contain some Brahman blood. Probably the most popular cross is the use of a purebred Brahman bull on native, plain, commercial-type cows in the gulf coast areas of Texas and the South. Brahman cattle, being of the *bos indicus* species, have demonstrated their ability to transmit hybrid vigor to their offspring when mated to cattle of the *bos taurus* species.

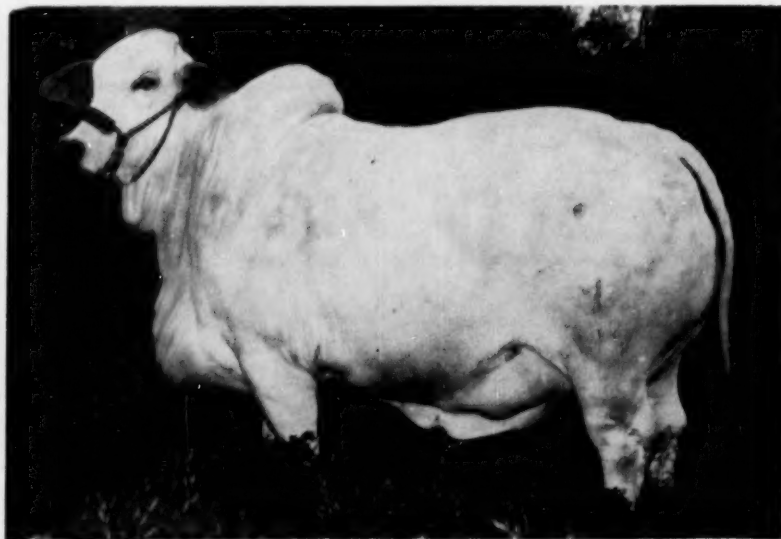
This genetic process, known as heterosis, has long been a subject discussed widely among cattlemen. In some areas it is a practice followed widely and in others crossbreeding the two different species is seldom a part of the breeding program.

At any rate the American Brahman has contributed much to beef cattle production in many parts of the country, both through the direct mating on Brahman cattle on other cattle and through the mating of new breeds that contain some Brahman blood on other cattle.

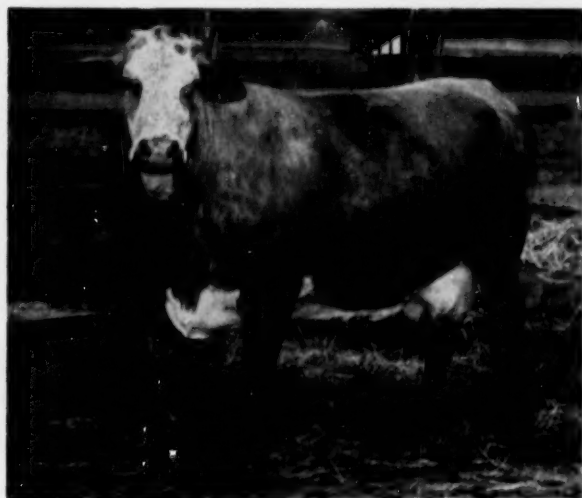
Mostly in Commercial Herds

It is estimated that 95 per cent of the American Brahman bulls produced in the United States are used for commercial production. Of these, including some 30 per cent of the annual total production in the United States which is exported, about 35 per cent are used for up-grading commercial cattle. The objective of this is to continue to use American Brahman for top crossing until the breed type is established. The purpose or objective of using Brahman bulls in crossbreeding programs is to increase the market weight of the offspring and to produce a first cross Brahman crossbred cow. There is a wide preference among cattlemen as to what percentage of Brahman blood is needed for ideal beef production. Many ranchers want at least one-half, others three-fourths, and still others prefer only one-eighth to one-fourth Brahman blood in the cattle they have for sale.

Many ranchers crossbreed to increase environmental adaptability derived from the Brahman. Others crossbreed because of the increased size of the offspring, because the American Brahman is a large breed of beef cattle. Crossbreeding programs are usually confined to three main types. These are using Brahman bulls on English-type cows, using English-type bulls on Brahman cows and using Brahman bulls on native or dairy type cows.



Purebred Brahman female.



One-half Brahman—one-half Hereford cow.



Three-quarter Brahman—one-quarter Hereford calf.



One-half Brahman—one-half Hereford steer.



One-half Brahman—one-half Hereford steer.



Three-quarter Brahman—one-quarter Hereford steer.



One-half Brahman—one-half Hereford cow, with three-quarter Brahman calves.

COWBOY COLLINSON

Colorful Cowman Says Old
Fort Griffin Was Wildest
Border Town He
Ever Saw

The fourth of a series of articles about this colorful cowman of the Old West written in the first person from his memoirs.

By MARY WHATLEY CLARKE

I WANT to tell you something about Fort Griffin, the frontier Texas town on the Clear Fork of the Brazos, where the buffalo hunters headquartered during the big slaughter. I was often there, and it was by far the wildest and the most colorful border town I ever saw and I have seen them all from Dodge City, Kansas, to Ogallala, Nebraska. It was the last town with any semblance of civilization on the western frontier of Texas and that "semblance" was very thin. The endless prairies sweeping out from Griffin had been the home of the buffalo for ages past and their wild red herdsman, the Indians.

The buffalo hunters and the skinners, fresh from a womanless country farther west flocked to Fort Griffin for a fling, their pockets bulging with money. Hardened surveyors and their assistants rode into town with compass and chain after locating countless sections of previously unappropriated land. Bullwhackers and sunburned bewhiskered soldiers just returned from the indescribable hardships of a staked plains campaign with MacKenzie, filled the barber shops for shaves and haircuts and hot baths in the tin tubs in the rear. Black sheep from prominent families elsewhere flocked to Fort Griffin to forget the past and begin life anew. Questionable women stayed in their shoddy rooms by day, but came boldly out at night when the fiddles began to play, flitting about the saloons, dance halls and gambling dens like bright fireflies. Honest ranchmen and merchants and their loyal wives established homes and brought the first culture and permanence to the raw, untamed town. They all mingled together, those Fort Griffinites, the good and the bad, in one common herd, and left their marks, for good or bad, on the fabulous Clear Fork town.

Two Men Hanging to Tree

During the extermination of the buffalo it was necessary to go to Fort Griffin



Hangings were an every day occurrence

You would not think to find her
In any gambling den,
But every night at poker,
She played with all the men.

And no man dared insult her,
And no man knew her name,
When she had won a fortune,
She vanished like a flame.

Berta Hart Nance

Within this hive
We are all alive.
Good whiskey makes us funny,
Step in and try
The flavour of our honey.

I knew many of the Griffin citizens, reputable and disreputable, and heard their stories from their own lips. More than once early-day "bad men" escaped the Vigilance Committee of Fort Griffin and rode into our camps on the distant prairies where they found shelter and food and could rest their played-out horses a few hours before "beating it" farther west.

One night Hurricane Bill rode into my camp, his horse exhausted. The Vigilantes had given him his freedom after he promised to leave the country. He had been in jail several weeks charged in a shooting scrape. I put Hurricane Bill up for the night and let him have a fresh horse in exchange for his tired one, the next morning. I watched him ride away into the unknown West and never saw him again. But I had heard his story that night as we sat before the fire.

Hurricane Bill trembled as he talked, so great was his fear of the Vigilantes and so narrow had been his escape from that group of excited men. The Vigilance

(Continued on page 68)

fin for various and sundry reasons. We sold our hides there, and we hauled out supplies from there. On other occasions we took time off and went there to break the monotony. One day in 1875 a teamster and I went to Fort Griffin for supplies. The next morning we were looking for our horses in the river bottom when we came upon two men hanging to a pecan tree. A printed notice was pinned to the clothes of one, "Anyone moving these men will fill their places", so we let them hang.

I often walked down the dusty streets of Griffin and mingled with the throng that was ever present in Owen Donley's place. This was the most famous frontier saloon that ever graced or "disgraced" a town. It had a large beehive painted over the door with the following verse beneath:

Ruins of the old sutler's store built in the 1860's, located in the Fort Griffin State Park, 16 miles north of Albany, Texas on U.S. Highway 283.



Indu - Brazil Cattle Playing Important Role In American Beef Cattle Industry



More and More Cattlemen Using PAZA Registered Herd Sires in Their Cross-Breeding Programs



IN 1946 with the importation of a small group of Indu-Brazilian cattle from Brazil, a dozen South Texas cattlemen formed an organization known as the Pan American Zebu Association with the purpose of preserving the advantageous characteristics of Zebu cattle which originally were found in India and Asia. In the past eleven years, the association has made remarkable progress and now has a membership of over 400 breeders.

The founders of the association recognized the importance of strict genetic

selection in order to isolate and perpetuate Zebras in accordance with known and identified breeds of Indian cattle.

Brazilian cattlemen had realized the great potential values of maintaining a true strain of Indian Zebras many years before and had concentrated on fusing the desirable characteristics of several strains of Zebras; therefore, the Indu-Brazil Zebu is the result of many generations of cattle bred to preserve the original Zebu type.

Zebu breeders in the United States have maintained the purity of blood

established from the 1946 importation and today enjoy a healthy foreign trade as well as a good domestic market for their cattle.

The Zebu cattle vary in size, color, shape and size of horns and in development of the hump and pendant skin. Among the Zebu types the Guzerat Nellore and Gyr strains are the most popular. PAZA's standard of selection emphasizes purity of blood as the primary basis of segregating the desirable genetic qualities of the breed. The sur-

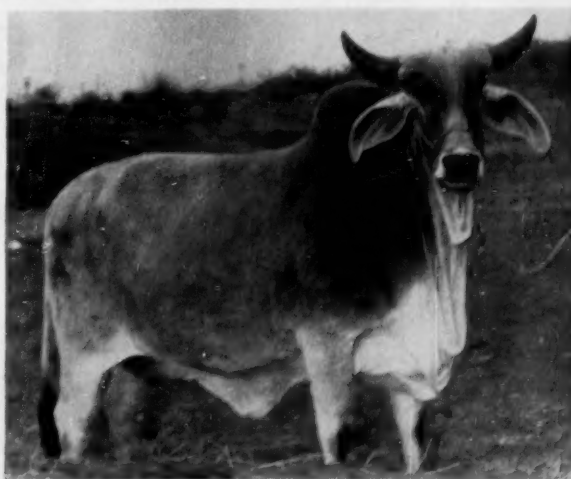
(Continued on Page 59)

Precioso, one of the original Indu-Brazilian bulls imported to the United States in 1946 by the Garcia Bros. Ranch, Encino, Texas. Precioso, along with eight other top Zebu types that were imported by Esteban and Eligio Garcia, helped to establish the foundation stock that led to the organizing of the Pan American Zebu Association. The Garcia Brothers have been very active supporters of the association since its beginning and Esteban Garcia is the current president of PAZA.



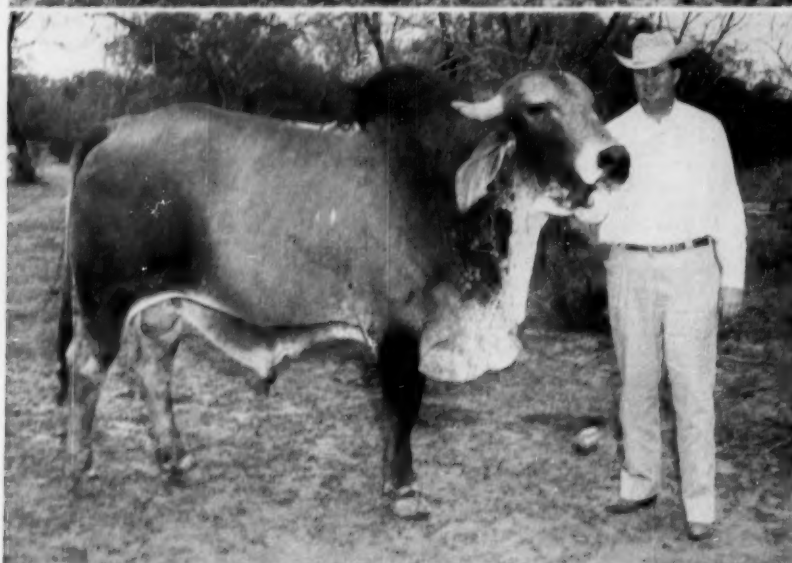
Cherokee Repucha 226, one of the excellent Indu-Brazilian herd sires in use in the C. E. Yoakam herd of Red Brahman. Yoakam is the owner of the Cherokee Ranch, San Saba, Texas, and for many years has been taking blue ribbons in the major Brahman and Zebu shows. Yoakam has a very successful Red Brahman breeding program. The above bull is rich in characteristic features of the Indu-Brazilian blooded sire. Note the leaf-like ears, notched near the tip, and the prominent, broad, and convex forehead.

Royal Lady Tippu, a three-year-old champion show heifer, was bred by Webb's Brahman Ranch, El Campo, Texas, and is typical of the championship quality animals produced by Mr. and Mrs. Wilbur Webb, Jr. In the 1957 PAZA Brahman show at San Antonio, Webb's Brahman Ranch showed both the grand champion bull and female. They have been showing cattle for 15 years and have a herd of 400 registered Brahman. Many of their cattle are double-registered.

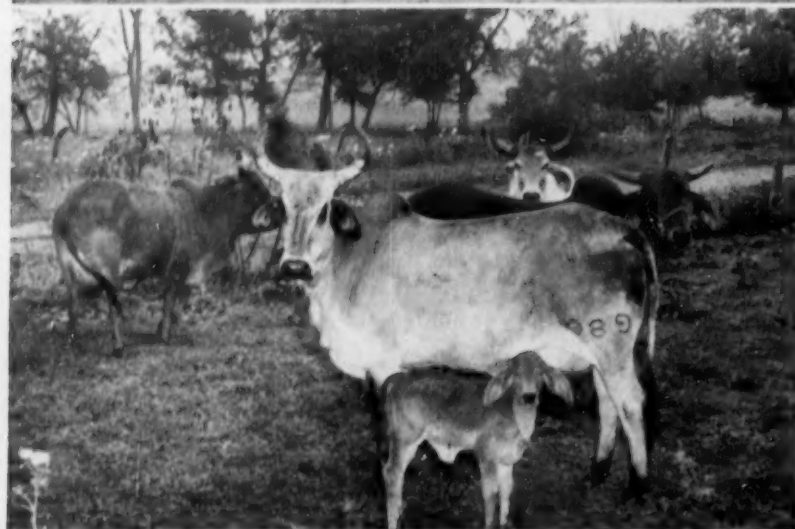




This yearling bull, bred by J. W. and Roy Martin, Catulla, Texas, is typical of the Indu-Brazilian type that the Martin Brothers are producing. This young bull has excellent Zebu characteristics and his color is a spotted red and white, which is a desirable feature that indicates a pure strain of Indu Brazilian breeding. The Martins have been breeding Zebus since 1946 and have developed a good South American and Mexican market for their bulls.



Roy Martin, Executive Secretary of PAZA, illustrates the docility of their Zebu cattle. The bull, a chief herd sire on the Martin ranch, was in a heavy brush pasture in South Texas' worst drouth area. He had received practically no supplemental feeding and maintained himself in strong healthy condition through his bred-in ability to survive hardships of climate and temperature.



An Indu-Brazilian cow and baby calf owned by Mr. and Mrs. Stanley Kubela, whose ranches are located at Palacios and Seguin, Texas. The Kubelas own an excellent herd of Red Brahman and have been consistent winners at the PAZA shows through the years. In the 1957 show held at San Antonio, the champion get-of-sire was a Kubela entry. The Kubela Brahman herd is the result of many years of selective breeding for red color and quality.

One of the original breeders of Indu Brazilian Zebus in the United States is Henderson Coquat, who has been a leader in the growth and promotional efforts of PAZA. He has extensive ranch holdings in McMullen, LaSalle and Webb counties in South Texas, where he breeds Zebu and Charolaise cattle. Pictured is a part of his excellent Zebu herd located on the headquarters ranch near Encinal, Texas. Robert Coquat, a son, is also a Zebu breeder and is the immediate past president of PAZA. His ranch headquarters is also at Encinal.



These cows and calves pictured are a part of 300 registered Brahman owned by the Cornelius Cattle Co., Markham, Texas. W. D. Cornelius, Sr., was one of the pioneer breeders of Zebu cattle in the Gulf Coast region of Texas and has been breeding Brahman cattle since 1909. Since that time, the Cornelius family has continually improved their cattle and in past years have placed high among the competitive classes in the annual PAZA shows. The company owns a ranch in Matagordo county and has sold cattle to many foreign countries.



A group of top PAZA registered replacement heifers on the Otis Cox ranch near Cotulla. These heifers have known nothing but drouth conditions since their birth and have thrived on the sparse South Texas range with a minimum of assistance. Cox, who is the vice-president of PAZA, has been producing top Indu-Brazilian cattle for many years and is one of the breed's strongest supporters.





Dense growth of Alfombrilla in trailway between Santa Clara Canyon and shipping and loading points.

Alfombrilla Causing Heavy Losses To Livestock In Chihuahua, Mexico

Texas A&M College Specialists Advise Extreme Care to Prevent Variety of Drymary From Being Introduced Across Border

By O. E. SPEURY and A. H. WALKER*

A NEWLY recognized poisonous range weed, alfombrilla, has caused extensive cattle losses in the state of Chihuahua, Mexico, in the past few years. This plant has not been reported in the United States, but extreme care should be exercised that it does not get here. Observers advise that alfombrilla is one of the worst poisonous plants known since it is actually poisonous to sheep and goats as well as cattle in both the green and

dry state. Most poisoning has occurred in the fall and early winter on overgrazed pastures and along trailways with scant forage but may occur anytime the plant is available. Animals die quickly, normally showing drowsiness before death.

This harmless looking, white-flowered, low-growing plant was first determined as the cause of cattle losses by feeding tests in Mexico City and Chihuahua in 1956. Records of losses go back as far as 1923 and 1924 when cattle from the United States were taken to Mexico for pasture. A technical worker in

Chihuahua estimates that 3,000 head of cattle have been lost on drives through the weed-infested area and from grazing the infested pastures during the past two years.⁵

Description

Alfombrilla, *Drymaria arenarioides*, Willd., is a short-lived perennial with profusely branched stems forming a somewhat tufted plant with a tap root. The leaves are more or less fasciculate and linear-lanceolate to narrow elliptic; the flowers are white; the fruit a capsule with dull brown seeds.² Verification of the species has been confirmed by Morton³ and by workers in Mexico City.¹

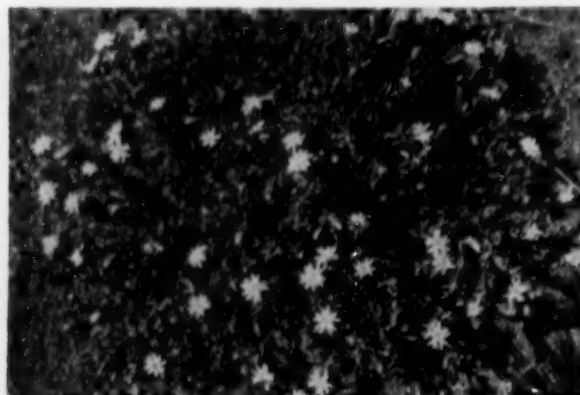
Distribution

Alfombrilla grows abundantly on abused sites north of Chihuahua City, Mexico. The area concerned extends about 70 miles from north to south and is 30 to 40 miles wide on the north and about 5 or 6 miles in width on the south. Plants were observed about 20 miles north of the city and extend as far as 90 miles north. This northernmost point is still about 140 miles south of El Paso. Although a natural barrier exists, extreme care must be exercised that none of the seed of this plant will be transported into the United States by livestock rail and truck movements. Soil types and barren conditions in Texas, New Mexico and Arizona would undoubtedly support heavy stands of this poisonous plant if it were introduced.

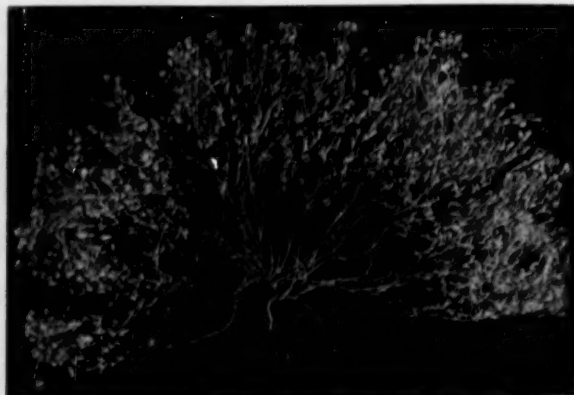
Feeding Trials

Feeding trials conducted by the research workers in Mexico City and Chihuahua in 1955 and 1956 established the poisonous nature of alfombrilla. Chickens, rats, guinea pigs and rabbits died after being fed small quantities of the weed. These tests indicated that feeding .66 per cent to 1 per cent of body weight was fatal to calves and yearling steers.¹ Research in 1956 at the Animal Disease Investigations Laboratory, Marfa, Texas, indicated that feeding 0.1 per cent of the body weight killed a sheep, and all animals receiving as much as .5 per cent of their body weight died.²

(Continued on Page 60)

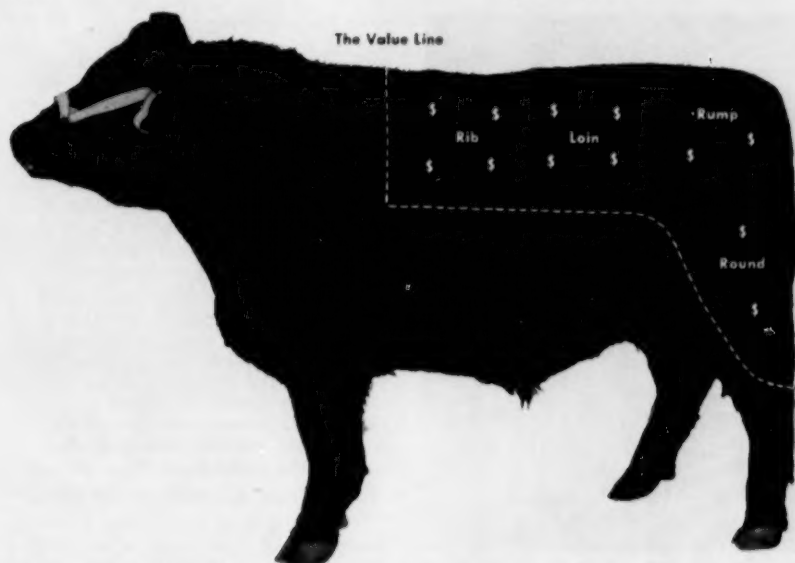


A single plant of Alfombrilla to show the plant form and 5-petaled white flowers.



A single plant of Alfombrilla pressed to show branching habit and single tap root.

*Professor and Extension Range Specialist respectively, Dept. Range and Forestry, A. & M. College, College Station, Texas.



This 915-pound Senior Calf, judged after slaughter, was named Grand Champion of steer carcass contest at 1956 International Live Stock Exposition. His loin eye measured 12.55 square inches, fat thickness over eye muscle at 12th rib was .63 inch, and marbling score ranked among best. Dotted line indicates the region which, though subject to seasonal variations, accounts for about 75 per cent of total value. Stock breeders could emphasize this region when selecting. Photo Courtesy of Kenneth Fulk

Industry Attacks New Problems in

Beef Breeding Research

Many Agree That The Livestock Producers Must Develop Cattle That Will Convert Larger Proportion Of Feed Into Protein And Less Into Fat

By JERRY SOTOLA and CHARLES E. HUGHES—Reprinted from *Armour's Analysis*

FIFTEEN steers in a prize-winning carlot may look like peas in a pod—and for good reason. Days or weeks earlier, their exhibitor had selected them for uniformity from several times that number in the feedlot.

Yet, when these 15 steers become carcass beef, the salable commodity of the industry, striking differences come to light—differences that affect individual values.

Some have large, well-developed muscles and a relatively thin layer of fat over the rib. Others, which looked like their twins on the hoof, have a significantly smaller proportion of lean, red meat and a thick, wasty layer of fat. And the beef from these look-alike cattle will also vary in the amount of intramuscular fat, called marbling.

Animal husbandry scientists want to know why these differences occur, and how strains of meat-type cattle can be developed. They are well aware, too, that the search for meat-type cattle must be conducted with due consideration for economy and rate of gain, as well as for vigor, fertility and all of the other problems of beef cattle breeding.



Somatoscope measures rib fat through employment of high-frequency sound waves. Test cattle are prepared by shaving two-inch squares over last right rib, seven inches from vertebral column. Colorado A & M Photo

Ten years ago the USDA received funds for a vastly expanded program of federal and federal-state beef cattle experimentation. Behind this move was the realization that the future of beef and all products of cattle is closely linked with the quest for improved breeding, feeding, health, marketing and processing. Although these projects are characteristically long range, they already have made many contributions to our pool of knowledge.

In the field of breeding alone, we find some of the liveliest issues of the day—meat-type cattle, performance testing, cross-breeding and dwarfism. All of these issues, and others, will be considered.

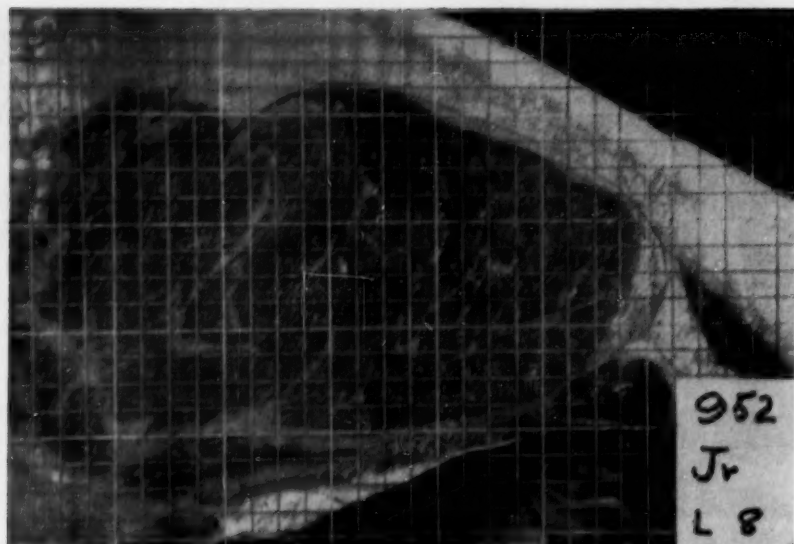
MEAT-TYPE CATTLE

The recent round of consumer surveys to check beef grade preferences has triggered a ground swell of self-analysis among people in the beef industry. The question—has production of cattle and beef been attuned to the trend toward leanness in consumer preference?

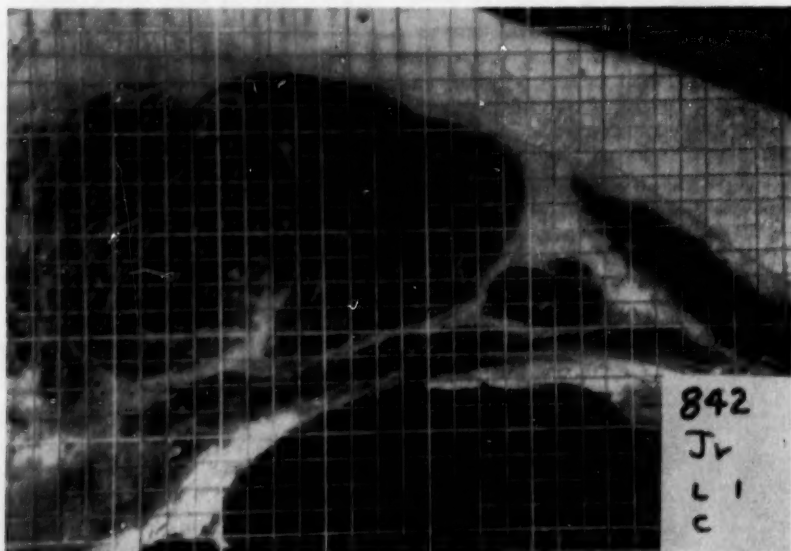
Many people doubt whether preferences have swung as far toward leanness as the surveys suggest, but they do agree that we must develop lines or families of cattle that will convert a larger proportion of their feed into protein and less into fat. The Ohio Agricultural Experiment Station meat specialists, for example, envisage a beef animal that will weigh about 950 pounds when marketed at approximately 16 months of age. The carcass will yield 80 per cent edible portion (the lean plus not more than $\frac{3}{8}$ inch of fat on any surface). The trimmable fat content of this animal's carcass will be no more than 6 per cent, leaving 14 per cent for bone.

Steers Vary Widely in Lean Meat

Sporadic research, much having to do with rate and economy of gain, corrob-



Here is a loin eye, measuring 14.37 square inches, that went with a first-place winner in one carcass class. Marbling score was second highest. Fat over rib eye measured 1.10 inches. Grid over picture is marked off in quarter inches to facilitate measurement of lean area. Photo Courtesy of Kenneth Fulk



The loin eye above was flat and measured only 10.57 square inches. However, it came from a likely-appearing live steer. Dressed carcass lacked marbling, length of hind quarter, and depth. Photo Courtesy of Kenneth Fulk



Highly-selected steers in 1956 grand champion carlot at International appeared extremely uniform on foot, yet dressed carcasses varied somewhat in loin eye size and still more in fat thickness.

orate the impressions gained through observing show steer carcasses. The Wyoming Station discovered, for example, a startling difference between two steers that had received the same ration and made almost identical gains. One carcass had a rib eye measuring 6.38 square inches of lean and 3.38 of fat, while the other cut 10.69 inches of lean and only 2.75 of fat. At the Oklahoma Station one steer produced nearly 50 per cent more eye meat than another when fed the same and gaining at an equal rate.

Fortunately, the lean meat trait is highly heritable. USDA geneticists, in testing 635 steers sired by 88 bulls, calculated that inheritance accounted for 72 per cent of the difference in eye muscle. Ohio meats specialists found a correlation of .853 between the area of the eye at the 12th rib and the percentage of meat in the entire carcass.

Tests Link Leanness, Rapid Gains

A close tie-in between rapid gains and tendencies of some animals to retain a high proportion of protein and convert it into meaty tissue has been noted by animal scientists at Oregon State College. They observed that slow-gaining calves tend to build body fat at an earlier age.

A urinalysis test showed that the fatter ones gave off 25 per cent more urea nitrogen than the fast-gaining group, when fed a high-protein ration of pelleted chopped alfalfa and concentrates.

Need Measurement Device

Geneticists and animal breeding specialists now are searching avidly for a means of measuring leanness in live cattle. If this is found, headway can be made much more rapidly toward developing lines or families that will consistently convert a relatively large proportion of feed into lean muscle.

Varied preliminary success has been scored at the Colorado Station with an ultrasonic device for measuring the thickness of rib fat on live steers and heifers. This instrument, known as a somascope records on an oscilloscope the thickness of fat as registered in terms of linear distance. This distance is measured by time required for high-frequency sound waves, emitted from a quartz crystal, to pass through the fat, strike lean tissue and return.

The time needed to complete a test is still too long for practical application. Furthermore, the present correlation between ultrasonic estimation and actual carcass measurement, while significant, is nevertheless rather low. This work is continuing.

Other aids include antipyrine injections as well as deuterium and tritium oxides. Tritium, for example, shows considerable promise because it is readily obtainable, can be reliably assayed and does not bind with plasma or metabolize rapidly. Tritiated water, injected intravenously into the blood stream, establishes an equilibrium with the water in all tissues and organs of the body. The degree of tritium dilution is measured at equilibrium time, and the fat determined by a mathematical formula.

No Meat-Type Lines Yet

In a nation-wide round-up of research workers, Armour's Livestock Bureau found very few reports of any definite line or family of beef cattle that consistently produces a markedly higher-than-average proportion of lean to fat. Observers at the Colorado Station have noted cattle which produce an extra-large proportion of lean to fat at 900 to 1,000 pounds. These families must be evaluated before multiplication is warranted.

The University of Kentucky has drawn up a proposal to run bull performance tests with a privately-owned herd including 800 Hereford cows. This work would include carcass evaluation of offspring from the faster, more efficient gainers.

What Carcass Contest Shows

Getting back to cattle exhibits, several significant deductions can be drawn by analyzing data from the steer carcass contest, held recently in connection with the International Livestock Exposition. The 1956 contest was modified to lay even greater stress on the kind of beef that consumers prefer.

In nine classes—three from each of the three major breeds—only one first-place winner as a live animal rated the top award when judged as a carcass hanging in the cooler. This clearly indicates that it is quite difficult to see in the live animal what is under the hide; it also re-emphasizes the need for a device or method that can measure fat thickness and lean in young breeding animals so that only the best can be retained.

Loin Eye Size Varies Widely

The variation in size of loin eye was quite pronounced, especially within certain classes. In the junior yearling class of one breed, the largest loin eye was 70 per cent greater than the smallest, while the weight range within the class was only 24 per cent. In all nine classes the percentage variation in loin eye area was greater than in weight range.

The table shows that in only three classes did the first-place carcass have the largest loin eye area, desirable as this factor may be. Sometimes carcasses with a large loin eye lack other important qualities like uniformity of thickness and general balance. More specifically, the rounds may have been flat or the chuck lacking in muscle.

Marbling Important, Too

Marbling probably exerted the greatest influence in the placings, since carcass quality is largely determined by this factor. Often the quantity and quality of marbling caused the judges to place one carcass over another that might have had a slightly larger loin eye.

In six of the nine classes the first-place winner was one of the top carcasses in marbling score. Here again, two steers with the same marbling score, which represented quantity, could differ in the quality of marbling because one might have very coarse marbling instead of a finely dispersed pattern.

Fat thickness was more variable than rib eye measurement. However, the variation in rib eye area probably is more important because the degree of fatness is easier to identify on the hoof. The table reveals that in some classes a

steer with a relatively thick layer of fat over the eye muscle could still win first place, but nearly always had to be well toward the top in marbling score.

Dressing percentage was not a factor in the placing of the carcasses, since

How Carcass Contest Winners Rated on Various Points

Class	Live Weight	Number in Class	Live Placing	Loin Eye Area	Fat Measurement Over Eye Muscle	Marbling Score*
Angus Junior Yearlings	1,100	28	4	1	8	3 (tie)
Angus Sum. Yearlings	1,105	32	14	9	6 (tie)	1 (tie)
Angus Senior Calves	915	14	7	4	2	1 (tie)
Hereford Jr. Yearlings	1,050	13	8	1	10	2 (tie)
Hereford Sum. Yearlings	980	24	1	2	1 (tie)	2 (tie)
Hereford Sr. Calves	1,045	7	4	3	7	1 (tie)
Shorthorn Sum. Yearlings	1,075	16	2	11	13	1 (tie)
Shorthorn Jr. Yearlings	1,080	13	11	7	1	1 (tie)
Shorthorn Sr. Calves	955	8	4	1	5	1 (tie)

*This is largely a quantitative rating.

INTERPRETATION—The 1,100-pound Angus junior yearling at top of column, for example, placed fourth among 28 in the class when judged alive. This animal was first in loin eye measurement in the class, and eighth in thickness of fat over the eye muscle. He was tied for third among the 28 steers in marbling.



This long-bodied Line 1 bull sired a group of steer calves weighing 1,090 pounds at 13 months. They weaned at 453 pounds, gained 2.53 pounds daily after weaning and graded Choice, U. S. Range Livestock Experiment Station Photo



Calves out of native cows bred to bee-type bulls are being tested in Southeastern Ohio to learn whether they can be marketed profitably after weaning at 9 to 10 months of age. Ohio Agricultural Experiment Station Photo



BARBED WIRE GIVES LONG SERVICE



The proof of a barbed wire's quality is in the service it gives. That is why so many Western farmers and ranchers keep demanding CF&I Barbed Wire. They know it has a proven record of top service . . . that, unlike imported barbed wire, it is backed by a recognized American manufacturer . . . and that it has these six big features that assure lasting, trouble-free service in the years ahead. Here they are:

- ✓ **1. BARBS ARE BIG, SHARP AND WELL SHAPED**—Your livestock can see them easily . . . they command the healthy respect of both livestock and intruders.
- ✓ **2. STRONG, YET EASY-TO-WRAP LINE WIRES**—All line wires in CF&I Barbed Wire are full gauge and made from tough, flexible steel. This gives the fence strength to withstand heavy shocks and pressures and, at the same time, assures easy wrapping for splicing.
- ✓ **3. BARBS ARE CAREFULLY SPACED**—The barbs are accurately and consistently spaced in every reel of CF&I Barbed Wire.
- ✓ **4. HEAVILY GALVANIZED**—CF&I Barbed Wire has a rugged, heavy galvanized coating which protects it for years against severe weather conditions.
- ✓ **5. WOUND ON STRONG WIRE REELS**—CF&I Barbed Wire is wound on sturdy, non-collapsible wire reels. This prevents tangling in the field as well as in the store room.
- ✓ **6. A STYLE TO MEET EVERY NEED**—To better serve diversified Western needs, CF&I makes five different types of barbed wire. These include CF&I Standard, CF&I Perfect and CF&I Special (all with two-pointed barbs) and CF&I Sentinel and CF&I Minnequa (both with four-pointed barbs). Every reel contains a full quarter-mile (80-rods) of barbed wire.

3665

Be sure the next barbed wire you buy meets these six requirements . . . demand CF&I Barbed Wire. And don't forget that CF&I offers a complete line of fencing materials to make your job easier—CF&I WOVEN WIRE FENCING . . . CF&I BARBLESS WIRE . . . CF&I CINCH FENCE STAYS . . . SILVER TIP FENCE POSTS . . . CF&I NAILS AND STAPLES.



THE COLORADO FUEL AND IRON CORPORATION

DENVER • OAKLAND

high yield is associated many times with excessive fatness. Furthermore, the amount of fill was not standardized.

There was a tendency for weight and loin eye size to go together. However, in none of the classes did the heaviest steer have the largest loin eye, but in three classes the lightest live animal had the smallest loin eye area.

Fat and Marbling

The figures also sharply challenge the widely-held belief that fatness and marbling must go together. In only four of the nine classes did the animals with the most fat over the loin eye have a higher average score for marbling than the same number of animals with the thinnest fat layers. In fact, for three classes the marbling score averages were the same, and in one class those with the least fat had a higher average score than those with the most.

A study of the carcass data also revealed a few outstanding individuals. One senior calf, with barely more than a half-inch of fat over the eye muscle, had one of the two top marbling scores within the class. The same feat was performed by two summer yearlings with slightly less than three-fourths inch of fat.

If borne out in further studies, and put to work in breeding herds, these indications could be of inestimable value to the beef industry in meeting consumer preference. Furthermore, the conversion of feed into a higher proportion of protein, and less of fat, should cut production cost and also reduce trimming expense in the processing plant.

Study Prize Carlot

One prize-winning carlot of steers at the 1956 International Live Stock Exposition presented an unusual opportunity to study the influence of heredity, since the 350 head, from which the exhibitor selected 15 of remarkably uniform appearance, were fed and managed alike.

Figures provided by Kenneth Fulk of the Iowa Beef Producers Association show that the range in eye muscle in 1956 was the narrowest for any year that he has studied. However, among these 15 prime-grading steers, there was still a variation of 26.7 per cent. This compares with 49 per cent in the 1955 grand champion carlot.

By going past the line of ribbed-down steer carcasses, hanging in the cooler, any observer could note a range from approximately $\frac{1}{2}$ to $1\frac{1}{2}$ inches in fat thickness at various points over the rib eyes. Reduced to averages, the fattest steer had more than twice as much fat as the leanest.

Opinions—Some Differ

Along with the concept of meat-type cattle go many questions that parallel those concerning meat-type hogs. One question is whether meat-type cattle, if they become a reality, will gain as rapidly or economically as the type we know today. Most research people contacted by Armour's Livestock Bureau believe that they will do this double job, and

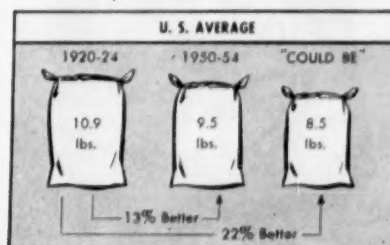
MARKET

Widen the gap between feed cost and market with Purina Steer Fatena

To get through today's feed and cost squeeze with a profit, we must *widen the gap* between market and feed costs. We can't do much about the markets, but we can and must push feed costs *down!*

CATTLE FEEDERS MUST BECOME EFFICIENCY MINDED

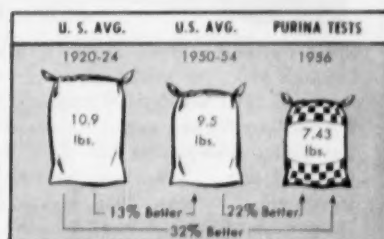
The U.S.D.A. states that feed efficiency has improved only 13% in 30 years (see chart below).



The chart shows that cattlemen could be producing a pound of beef for only 8.5 lbs. of feed... a 22% more efficient job.

LOOK WHAT PURINA IS DOING TODAY!

In steer feeding demonstrations across the country, Purina Steer Fatena and grain are making a pound of beef from 5.5 to 8.23 pounds of grain... an average of 7.43 pounds for six tests.



If you are getting average results, the Purina Cattle Program should save you from 1 to 3½ pounds of feed per pound of gain. How much is *that* worth to you?

Less pounds of feed per pound of beef... that's the way to **WIDEN THE GAP**—to beat today's cost and price squeeze.

Ask your Purina Dealer... at the Store with the Checkerboard Sign... to tell you more about Purina Steer Fatena Feeding Programs.

FEED PURINA... YOU CAN DEPEND ON THE CHECKERBOARD

COPYRIGHT 1957, RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI





**YOUR PROFITS GO UP...
WHEN YOU KEEP
PARASITES DOWN...**

Protect Your Animals With *Livestock* **COOPER-TOX**

(Contains TOXAPHENE and CTX-54)

Stop parasites from ravaging your livestock and your profits go up—*automatically*. That's why most ranchers use COOPER-TOX for sure control of parasites. Fast-acting COOPER-TOX kills ticks, horn flies and lice . . . reduces screw worm infestation . . . cures hog mange and sheep scab. It also insures long-lasting protection against reinfestation.

AMAZINGLY ECONOMICAL!

Fortified with CTX-54, COOPER-TOX mixes easily in hard or soft water. Just one gallon of COOPER-TOX makes 150 full strength gallons of stable, uniform dip or spray. Easy to use. Has no bad odors. In pints, quarts, gallons and 5-gallon sizes. Ask your dealer for COOPER-TOX today!

**Keep Your Animals
In Peak Condition With These
COOPER Quality Products!**



Mineralized Phenothiazine Drench

Eliminates common stomach worms, bankrupt worms, hook worms and nodular worms. Contains iron, copper and cobalt trace elements to help overcome effects of heavy worm infestation. Homogenized to prevent settling; assures easy handling and accurate dosing.



Pressurized Screw Worm & Ear Tick Killer

Push-button spray covers and penetrates wounds fast. Kills screw worms; drives worms out of wounds; protects against reinfestation. Leaves wounds clean for quick healing. Blue color marks treated wounds. Kills ear ticks, too.



KILLS
Ticks, Horn Flies, Lice

PROTECTS
Against Reinfestation

GUARANTEES
Best Protection at Lowest Cost

the scientists base their conviction on results with meat-type hogs.

For another question, can cattle be produced with sufficient marbling and grade, but with less of the objectionable outside fat? The steer carcass data already discussed help to answer this question.

Most researchers concur, for they have seen many examples of this feat. The Colorado Station, for example, has one line of cattle that tends to marble very rapidly relative to the amount of outside fat produced.

This is known as the Verde line. In a group of fed heifers considerably greater marbling development, relative to outside fat, was noted, when compared with other groups. In this particular line, the inbreds themselves perform poorly, whereas the crosses do well.

Additional questions over which there is less unanimity of opinion include the following: Does marbling bear a close correlation with tenderness and flavor? Is area of the eye muscle a good criterion of fleshing? Will the so-called swing to trimmer beef come through breeding or feeding? Would a bigger type of cattle, already proven to have a greater weight for age, also fit into our consumer preference pattern as a producer of leaner beef?

Marbling and Tenderness, Flavor

The question of whether a very close relationship exists between marbling and tenderness has aroused spirited debate at sessions attended by research people. Relatively little research has been completed, so far, to establish these relationships.

One or more agricultural experiment stations have found a very low correlation between marbling and tenderness. Others contend that the relationship is higher.

Fatness may be more closely related to juiciness of rare-roasted 9-10-11 ribs than with tenderness of the same cut, according to Texas Station research. The association between fatness and tenderness was not as marked as earlier supposed. It is doubtful whether fatness by itself is responsible for a decided increase in tenderness and juiciness. In one test at another station marbling account for approximately 30 per cent of the tenderness, leaving room for many other factors, like age, as important contributors.

As for the effect of age as a factor influencing tenderness, researchers hold that there is an age barrier beyond which no amount of marbling will have much effect. Any of our better beef cattle will have sufficient marbling with a minimum of fat at a weight of 900 pounds or more, and at not more than 15 months of age. These young steers are not required to show much marbling to merit the same grade as older and heavier steers.

On the relationship of marbling to flavor, many discussions have been held, but again with relatively little supporting experimental data. Some researchers hold that flavor probably is not influ-

Manufactured By

WM. COOPER & NEPHEWS, Inc. 1909 N. Clifton Ave.
Chicago 14, Illinois

NEW ZEALAND VARIETY SORGHUM ALMUM

Read All About This Newly Discovered Strain Of Grass In The February Issue Of The Cattleman Magazine, Page 42



HERE ARE SOME OF THE REASONS FOR IT'S
ZOOMING POPULARITY AMONG CATTLEMEN:

• DROUTH RESISTANT

Sorghum Almum is the most drouth resistant of any of the forages tested. Grows with a minimum of moisture.

• RAPID GROWING

Has been known to grow 2 inches per day. 10 to 40 stalks from one seed. Grows up to 14 feet tall under irrigation and 6 to 8 feet tall on dry land. Solid stem and sweet when kept grazed. Can be grazed about one month after planting or when grass is knee-high without damaging stand.

• IT'S A PERENNIAL

It comes back each year from a crown. Has withstood 4 winters in the Texas Panhandle and continues to thrive. It is knee-high on second year growth before sudan can be planted.

• EASY TO GET A STAND

Sorghum Almum comes up with force, 4 to 5 days after planting under normal conditions.

• ADAPTABLE TO SOIL

Sorghum Almum is adaptable to all types of soil. It is successful under irrigation, on the dry land, and range land plantings.

• EASILY IRRADICATED

It can be completely irradiated by plowing crown once or by plowing the volunteer crop once.

• LIVESTOCK RELISH IT

The grass is excellent in color, is tender rather than woody and palatable to both horses and cattle.

• TEXAS STATE ASC APPROVED

The Texas Agricultural Stabilization and Conservation committee approved the planting of Sorghum Almum as a soil conservation practice and for the Soil Bank program.

RATE AND METHOD OF PLANTING

Listed in 40 inch rows with three 3/16" holes in maize plate enlarged to 1/4" on under side. Is not counter sunk as seed would be wasted. Recommended planting time is May or June. May be planted April to August. One pound of seed per acre. Seeding cost per acre is less than that for native grasses.

PRICE LIST:

Under 100 lbs. \$4.00 (minimum of 20 lbs.)
Per CWT 3.50 per lb.
Enclose check with order. Seed will be sent Freight Prepaid.

FIRST YEAR SEED COMMERCIALY AVAILABLE, PLACE YOUR ORDER NOW:

BELL AVENUE SEED CO.

P. O. BOX 7074

AMARILLO, TEXAS

PHONE DR 4-1621



Most puzzling problem in a beef feeding program . . .

IT'S enough to keep a profit-conscious cattleman awake nights . . . this business of picking the *right protein supplement* for his beef rations. It's a numbers game and an animal, mineral or vegetable game all rolled into one. Do you use animal protein, vegetable protein, or the new synthetics? What's the right % of protein content? How much per head per day? What brand to use?

Of course, volumes on the subject still wouldn't supply all the answers. Too much depends on the herd, the kind of range they're on, and the other ingredients in the ration.

How do you decide about protein supplements? Well, the easy way—and it's a *sensible* way—is to use one other feeders find successful. To thousands of cattlemen, that's **SUNFLOWER Soybean Meal or Pellets**. Why a soybean supplement? Because livestock nutritionists know there's no substitute for adequate *vegetable* protein in beef rations. Why *Sunflower*? Simply because it's the *cream of the soybean crop* . . . more than 44% pure vegetable protein guaranteed! How much? Most *Sunflower* users say 1 3/4 to 2 pounds per head per day.

Your last problem should be prompt delivery. And you get it, direct from Emporia!

SUNFLOWER Brand Soybean Meal & Pellets
Now available with Stilbestrol added



KANSAS

Soya

PRODUCTS CO., INC.

PHONE 3000

EMPORIA, KANSAS

enced by marbling unless one considers juiciness as a factor in flavor.

Eye Muscle and Over-All Fleshing

Area of the eye muscle alone is not a perfect criterion of fleshing. Some people attach more reliability than others to this means of determining the over-all carcass muscling, and Ohio researchers find that the chuck also is quite revealing. However, researchers agree that, at present, the rib eye is our best single standard.

It already has been mentioned in this discussion that USDA tests have indicated that inheritance accounts for 72 per cent of the difference in eye muscle. Consequently, rapid improvement in carcass muscling could be obtained through selection of superior breeding animals with respect to this trait.

Leanness Through Breeding or Feeding?

Most research people hold that any swing to leaner beef should be accomplished largely by the breeding route. On the other hand, one private researcher contends that "meat-type" cattle can be produced merely by controlling the feeding—by letting grass and roughages constitute a greater share of the total ration.

Some researchers suggest that part of our answer to this leaner beef question should come through multiplication of bigger types of cattle which will have more lean and less fat at a given weight.

At first, this concept may seem incompatible with the trend toward smaller cuts. However, that objection is met through the explanation that the greater-weight-for-age animals could be marketed somewhat earlier, and before they reached the heavier, less desirable weight brackets.

Other Beliefs, Findings

Some researchers believe that we may find in certain feed additives an ally in the production of leaner beef. A case in point is diethylstilbestrol, which increases rate and efficiency of gain without a proportionate increase in fat.

Quite recently the USDA announced that tenderness, another desirable quality in beef, had a heritability factor of about 41 per cent. Other factors influencing tenderness are age, sex, management practices and fatness.

The USDA scientists are trying to develop a quick, reliable tenderness test that can be used on live animals. One now being explored involves biopsy samples, in which live muscle tissue is taken for laboratory analysis. This would make slaughter unnecessary, enabling the user to save the most desirable animals as breeding stock.

PERFORMANCE TESTING

"Eyeball calibration" leaves much to be desired when deciding whether a male or female will transmit suitable characteristics. Rapidly winning acceptance, after early resistance, is a procedure known as performance testing. This system is founded on rate and economy of gain, carcass value and the milking ability of dams.

Tests run recently at the U. S. Range



"I am a Burlington Man"

I'm a Burlington Livestock Agent—and that's a carload of beef cattle, about to be loaded.

Ever stop to think what some farmer or rancher has invested in those animals? Several tons of feed . . . months of hard work . . . a goodly amount of skill and experience . . . and a substantial sum of money. And here's what American consumers will get out of them: Top-quality meat . . . chemicals . . . leather . . . medicines . . . fertilizer . . . and a variety of other products.

Where do I come in? Well, the Burlington is the nation's largest carrier of livestock and agricultural products. We provide fast, dependable transportation for cattle, sheep and hogs . . . and I make sure that we do our job properly.

I'm proud of the recognition my railroad has earned among shippers and travelers—and proud to say,

"I am a Burlington Man!"

**Burlington
Route**

Chicago, Burlington & Quincy Railroad
Colorado and Southern Railway
Fort Worth and Denver Railway

BURLINGTON LINES • Everywhere West

TRADE BRUSH AND WEEDS FOR GRASS



USE STULL'S BRUSH AND WEED KILLERS

INCLUDING

2, 4-D

AND

2, 4, 5-T

A COMPLETE LINE OF "KILLERS"

FOR INFORMATION
AND RECOMMENDATIONS
CONCERNING YOUR BRUSH PROBLEMS
CONTACT:

STULL'S CHEMICALS, INCORPORATED

P. O. BOX 6722

SAN ANTONIO, TEXAS

TAYLOR 6-8671

TO TERMINAL PUBLIC LIVE STOCK MARKETS

... A SAFE SIGN TO FOLLOW

They are

THE BACKBONE OF AMERICA'S
SYSTEM OF MARKETING LIVE STOCK
KANSAS CITY IS ONE OF THE NATION'S
LEADING CENTRAL MARKETS

Kansas City Stock Yards Company

Livestock Experiment Station, Miles City, Montana, showed a \$21 difference in net return above feedlot costs between two groups of steers sired by different bulls. Both sires were of acceptable type, but one had the ability to make rapid and economical gains and he passed it on to his progeny.

Added emphasis is now being placed on carcass quality improvement. Here again, the progeny from bulls of similar type may differ widely in carcass value. Such factors as dressing percentage, shrinkage, proportions of lean to fat, tenderness and palatability exhibit hereditary differences.

Data gathered by researchers at the Colorado Station have enabled them to establish approximate degrees of heritability for traits in percentages, including the following: compactness, .82; quality, .68; and dressing percentage, .24. (A heritability of .82 means that you would get about 82 percent of the amount or degree of the trait for which the selection is made.)

Question Selection Standards

Workers at the U. S. Range Livestock Experiment Station suggest that, in some instances, selection for our present type standards may result in a less desirable product. For example, many producers select for "short-coupled" cattle. Since a high percentage of valuable cuts are down the back from the shoulders to the hocks, this is a questionable practice, say these research people. They add that we may have been placing undue emphasis on development of lower round and other relatively less important areas, without giving enough attention to portions furnishing the best cuts.

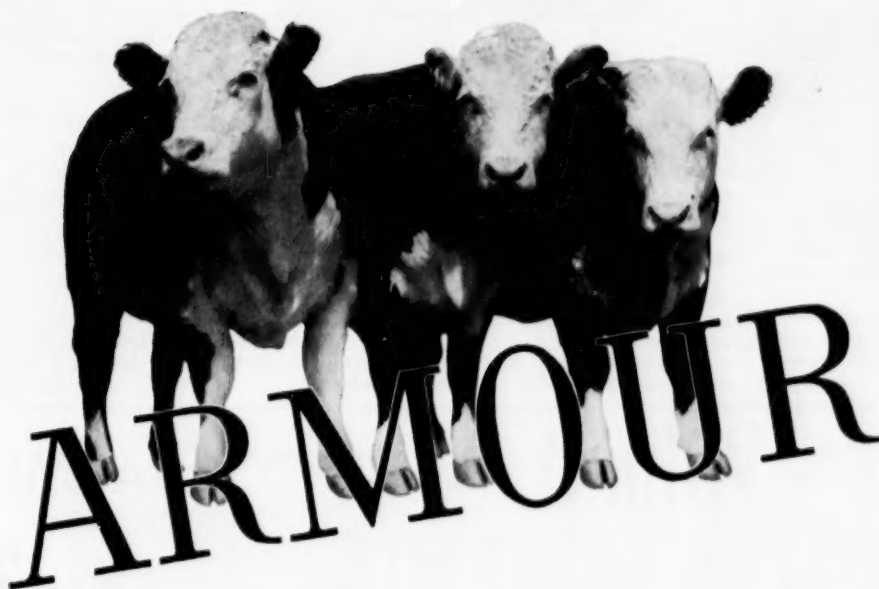
Texas was among the first experiment stations to engage in cooperative testing work with breeder-owned cattle. This work has expanded to three locations within the state, where over 5,000 head of young breeding cattle have been tested. Texas now is in the process of forming a Texas Beef Cattle Improvement Association, with representation from all segments of the beef cattle industry.

Recurrent Selection

The Montana Station has adopted what is called a recurrent selection program for improving productivity and carcass quality. The procedure is to select the two top bull calves in the various lines from their bull indexing program. In selecting these bulls, approximately equal emphasis is placed on feedlot performance and their score, by visual appraisal, for quality. Then the two bulls from each of the lines are bred to a randomized grade herd of cows.

The steer calves taken from these matings are fed for 196 days. These animals while still alive are appraised for carcass qualities, and, following slaughter, the carcasses are graded. Various measurements are taken to find the ones with superior carcass qualities, such as large rib-eye muscle and high proportions of flesh in the most valuable wholesale cuts.

The results of these Montana carcass tests determine which bull goes back into



DYNAFAC

ATTENTION BEEF PRODUCERS -- DYNAFAC, ARMOUR'S CHEMOBIOTIC FEED

ADDITIVE, HAS OPENED A NEW AND MORE PROFITABLE APPROACH TO BEEF CATTLE FEEDING. NOTE THESE TEST RESULTS FROM ARMOUR RESEARCH DIVISION.

DYNAFAC FOR FEEDER CATTLE

Test Initiated October, 1956

Duration of Test—109 days

Steers were selected for uniformity and divided into 5 groups receiving 0, 0.5, 1.0, 1.5 and 2.0 grams Dynafac per steer per day. The results are tabulated below.

Dynafac gm./head/day	0	0.5	1.0	1.5	2.0
Average Initial Weight (lbs.)	871	898	880	895	870
Average Final Weight (lbs.)	1133	1158	1172	1216	1214
Average Total Gain (lbs.)	262	260	292	321	344
Average Daily Gain (lbs.)	2.38	2.36	2.65	2.92	3.13
Feed Consumed per 100 lbs. Gain	1103	1067	1016	973	892
Feed Cost per 100 lbs. Gain	\$22.79	\$22.12	\$21.12	\$20.29	\$18.64

Comments: Steers were fed on a standard ration of corn, alfalfa meal, linseed meal, dehydrated alfalfa meal and molasses.

It will be noted that feed efficiency was improved by each addition of Dynafac to the ration.

With the exception of the 0.5 gram Dynafac per steer/day, the total feed eaten was greater for the Dynafac lots. Because of the greater rates of gain and improved feed efficiency, the cost of putting on 100 lbs. gain was reduced—amounting to a saving of \$4.15 per 100 lbs. gain for the group receiving 2.0 grams Dynafac per day.

Dynafac is now available in branded feeds and pre-mixes. Look for it by the name tetra alkylammonium stearate (Dynafac®) on the feed tag--or ask your feed man about it. Armour and Company, Union Stock Yards, Chicago.

*Armour brand tetra alkylammonium stearate. Attention feed manufacturers, Dynafac is distributed nationally for Armour by the Chemical Department, McKesson & Robbins, Inc.—call nearest branch for details.

his respective purebred line to head up that particular line of cattle. It is the feeling of these researchers, based on results so far, that they can make considerable improvement in carcass quality while developing fast-gaining cattle. The result would be a product highly acceptable to the trade and also profitable for the stockman.

CROSS BREEDING

Quite a pick-up has been noted in cross-breeding research. This involves not only two or more breeds of cattle but also the crossing of inbred lines of families within one breed.

Twenty years of inbreeding work at the U. S. Range Livestock Experiment

Station bring out the following observations:

(1) Only outstanding foundation stock can be satisfactorily inbred, and it may take several generations to determine the potential of a line.

(2) A few lines "nick" well with almost any other line of breeding, giving crosses that are superior to both parental lines.

(3) Continuous, strict culling is required to maintain and improve a line.

(4) A bull that is known to produce calves considerably superior to the herd level can be used to advantage for several generations.

(5) Out-crossing bulls from one line on heifers of another line, with which

the first line nicks well, is a good method. To maintain continued hybrid vigor in a rotational system, a three-way cross is recommended.

(6) Inbreeding tends to accentuate bad characteristics as well as the good.

For Warm Climates

In tests between breeds, the Texas Station has pioneered in crossing Brahman with British breeds, to produce fat slaughter calves for marketing at seven to nine months and weighing from 450 to 600 pounds. The use of crossbred cows bred back to British-type bulls has resulted in a revolutionary change in the state's whole commercial cattle operation for the southern half and Gulf Coast areas.

Crutcher - Wilmut SILVERTOP FARMS HERD DISSOLUTION May 20

at Fort Worth, Texas
Monday, May 20, 12 Noon

Selling 28 young polled cows, many with second calves at side by "the 28th" or RHF Domestic Mischief 72d.

20 polled heifers by "the 72d" and JFG Domestic Mischief 198th, selling bred to OK Gold Mine 28th.

30 polled heifers by "the 72d" selling open.

95 horned cows bred to these polled bulls, many with calves at side. These cows represent the breeding of Meritone 2d by Beau Zento 36th, CR Chief Invader 10th, Husky's Lad H. 109th and Publican Domino 108th.

RHF Domestic M. 72d

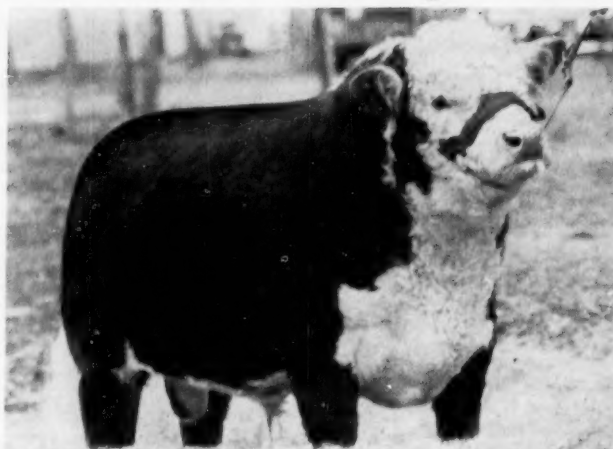
Here is a fine-breeding son of Domestic Mischief 46th by the famed Domestic Mischief 6th and out of a Mischief Plus dam. He and his get sell.

JFG Domestic M. 198th

A 1954 son of the Gills' Domestic Mischief 97th out of an Anxiety Woodrow dam. His calves are outstanding for type and beefiness. He sells.

Domestic Mischief 551st

An own son of Domestic Mischief 6th, in 1947 proved herd sire. Many of his heifers sell. He is out of Ima D., polled daughter of Mousel Domino 56th.



OK GOLD MINE 28th, an outstanding young sire by the Register of Merit polled bull Gold Mine and out of a Club Domino cow, calved in 1953. Not only "the 28th" sells here, but many females carry his service or have his calves at side.

*Everything Sells
in this partnership
dissolution sale...
175 lots... polled
and horned.*

Dr. H. K. Crutcher
215 W. Greenörier Lane
Dallas, Texas
Phone WHITEhall 1-1724

Bob Wilmut
Route 2
Tulio, Texas

For catalogue, write The Texas Hereford Assn., 1105 Burk Burnett Bldg., Fort Worth, Texas.

The adaptability of beef cattle to the hot climate of Imperial Valley has undergone extensive study at the California Station. Cross-breeds with 25 per cent Brahman and 75 per cent Hereford blood are being compared with straight Herefords. The purpose is to find whether this amount of Brahman blood is the optimum for inducing heat tolerance without sacrificing the desirable beef characteristics of the Hereford breed.

Cross-breeding resulted in a significant increase in the 180-day weights of calves in trials at the Florida Everglades Station, where various crosses are being tested for adaptability to subtropical climates. Brahman-Devon and Brahman-Angus crosses were used.

For Cooler Climates

Brahman-Hereford crossbreds did not measure up to Herefords in wintering gains or in carcass grade in Eastern Oregon tests conducted by the state agricultural experiment station. In these comparisons, the crossbreds outdid the Herefords on sagebrush range and gained about as well in mild winter weather, but they fell short of the straight Herefords under severe winter weather conditions. These differences in gains apply entirely to crossbred steers, which seemed more nervous than the crossbred heifers and were inclined to dissipate more heat energy. Brahman-Hereford steers and heifers averaged to gain more rapidly on summer range.

The dressing percentage of crossbred carcasses was a trifle higher than for the Herefords. However, they averaged approximately one grade lower because of lack of fullness in the round, less evenness in fleshing and relative lack of plumpness.

The Ohio Station has a project designed to find whether the native cows of mixed breeding, rather common in Southeastern Ohio, can be bred to beef-type bulls and produce calves that will bring attractive prices at nine to ten months when sold for slaughter at weaning time. Types of matings used in these tests include the Hereford-Hereford, Hereford-native, Angus-native, Brah-



Snapshot of part of the open polled heifers. They all sell. You can buy foundation and herd replacements of this kind at your own price May 20.

**175
LOTS**

The well-known Silvertop Farms herd at Dallas, Texas, owned by Dr. H. K. Crutcher and Bob Wilmut, will be dispersed on Monday, May 20, at the Fort Worth stock show carlot bull barn, in order to dissolve this partnership. The Dallas farm has been sold and the herd must go. We have maintained this good horned herd for a number of years with Beau Zento, Real Prince Domino and old line Publican Domino blood. Three years ago we began breeding some outstanding Polled Hereford herd sires to these cows and the results have been most pleasing. Now all this program is being offered to you.

QUARTER HORSES SELL, TOO

A select group of Quarter Horses, some of which have won at shows and others that show excellent promise, including:

SARITA KING (5-10-54), an outstanding mare by Power Command. Won recent halter class at Glen Rose. Doing good work in cutting and an exceptional prospect.

RITO RENO (4-23-53), sorrel mare by Comanche Joe, doing a fine job in cutting competition and a good prospect.

TIEMPO JOE (4-23-54), sorrel gelding by Comanche Joe, doing fine work cutting. Very quiet and dependable.

JUNE MAN (foaled 1951), sorrel stallion by Comanche Joe. Excellent cow horse and very dependable.

POCO DAWSON (5-5-56), stud colt by Poco Bill. Well bred and good prospect. Registration applied for.

**BE SURE TO
ATTEND THE**

Crutcher-Wilmut Herd Dissolution

Carlot Bull Barn, Stock Show, Fort Worth

**MAY 20
12 NOON**

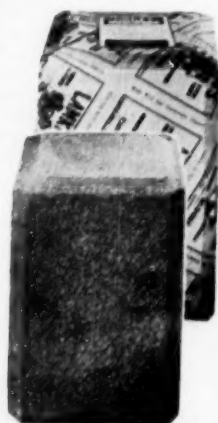


Now! An Old Friend Gets A New Name!

LAMKIN'S FAMOUS MINERAL BLOCKS

ARE NOW KNOWN AS

"PRO-MIN" RANGE SUPPLEMENT



—By Any Name

The Best Range Block You Can Use!

Some ranchers use Lamkin's "White Tag" range blocks, others use Lamkin's "Red Tag." But both range blocks now carry the name "PRO-MIN" . . . a name you can count on in the future when you want the most versatile, most valuable range supplement. PRO-MIN blocks will come in the same two familiar types. A 36½% protein block (formerly "White Tag") without phenothiazine. And an adjusted (lower) protein block with phenothiazine formerly "Red Tag." Only the name is different. The blocks are exactly the same as before, delivering the same great measures of livestock health and nutrition for the same low cost.

Whether you're a present user or a prospective user, keep the name PRO-MIN in mind. It means real profit for you in the months ahead. PRO-MIN puts back into your range what weather, time and soil degeneration have taken out. However good the grass looks . . . however much rain you may have had, it's a safe bet that your range is partially deficient in one or more of the life-giving mineral elements that build truly fine cattle and yield really worthwhile livestock profits. Don't take a chance . . . when for pennies per head you can insure your stock's health, growth, and gain with Lamkin's PRO-MIN.

SEND FOR THIS INTERESTING FREE BOOKLET!

Send the coupon today for complete details on PRO-MIN, and check the square for this free booklet. Titled "FEED 'EM & REAP . . . How The Use Of Minerals Pays Off In The Raising & Marketing Of Livestock", the booklet contains 14 fact-packed pages of vital information (and charts) every rancher should read. It's free and post-paid.



Lamkin's PRO-MIN Range Supplement means a lot of things. "Pro" for protein. "Min" for minerals and vitamins. And "Supplement" for the big job it performs in supplementing other feeds and forage. More important, PRO-MIN means better, more profitable livestock at less cost. It means a tremendous saving in time and labor, because it's self-feeding. It means a fair share of nutrition for timid animals and calves. And it means a minimum of waste, a minimum of handling and storage, a minimum of work and worry. All this . . . plus a super-charged formula of minerals, vitamins, protein, urea, antibiotics and important "trace" minerals.

Let PRO-MIN blocks go to work for you soon. Either the high protein block for supplementing poor grass and forage, or the adjusted-protein block with phenothiazine to supplement normal forage and at the same time stamp out worms. Your inquiry brings all details.



Mail Handy Coupon at Right for Full Information & Prices on PRO-MIN and Other Lamkin Products

LAMKIN BROTHERS
P. O. BOX 187 BROWNWOOD, TEXAS

LAMKIN BROTHERS
Box 387—Brownwood, Texas

- ☐ Send FREE "Feed 'Em & Reap" booklet, post-paid.
☐ Send complete information and prices on PRO-MIN at no obligation. I am also interested in your other Minerals, Mixtures, Concentrates, Drenches.

Name _____

Address _____

Town _____

State _____

man-native, Santa Gertrudis-Shorthorn and Charolaise-native.

So far, the average daily gain of most crossbreds has been higher than for straight Hereford calves, while the market price has averaged about \$1.00 per hundred-weight lower. One reason for these faster gains, aside from the hybrid vigor derived from cross-breeding, is the extra milk given by the native dams which have some dairy breeding. The work has demonstrated that it is unwise to place calves from native cows on feed after weaning, for they will take on more and more the characteristics of their dams, with resultant market price penalties.

COMBATING DWARFISM

An increase in dwarfism has put fear into the hearts of cattle breeders and multiplied the number of research projects directed toward a solution. Though still of relatively small economic importance, the increase in dwarfism has been hastened by the appearance of a new type, the "snorter" dwarf.

The "snorter" is characterized by its short, compact body, bulging forehead, prominent eyes, protruding lower jaw and tongue, and a low-hanging head. There is a strong suspicion that this kind has been multiplied by mistakenly selecting the blocky "snorter" calves of better type for show type.

How "Snorters" Produced

This kind of dwarf usually is created through the mating of two carrier parents, each having a gene for normal calves and a recessive one for dwarfism. Out of these matings will come about ¼ dwarf calves, many of which live to reproductive age. A carrier bull conceivably could sire several normal calves when bred to carrier cows because of the probability that only one out of four calves will show up as a dwarf.

From observations of a dwarf herd of 135 in California, the conclusion has been reached that there are still other types of dwarfs, not easily recognized but regarded as unthrifty. These may overlap the normal individuals in size and appearance.

Ways to Avoid Dwarfism

The current recommendation, where herd size warrants, is to set aside enough carrier cows to make reasonably certain that a newly-purchased bull is clean. Only clean bulls would be used on the pedigree cows.

Discrimination against close relatives of identified dwarfism carriers also is advocated. The probability of these relatives being carriers is as follows: 100 per cent for a parent, 67 per cent for a brother or sister and slightly over 50 per cent for a half-brother or half-sister.

Nearly all of the researchers maintain that the "snorter" dwarf is of genetic origin. However, the California Station reports an "acorn calf" that may result from a Vitamin A deficiency. One organization engaged in private research advances the nutritional theory for dwarfism, citing weakened sperm cells,

Introducing...

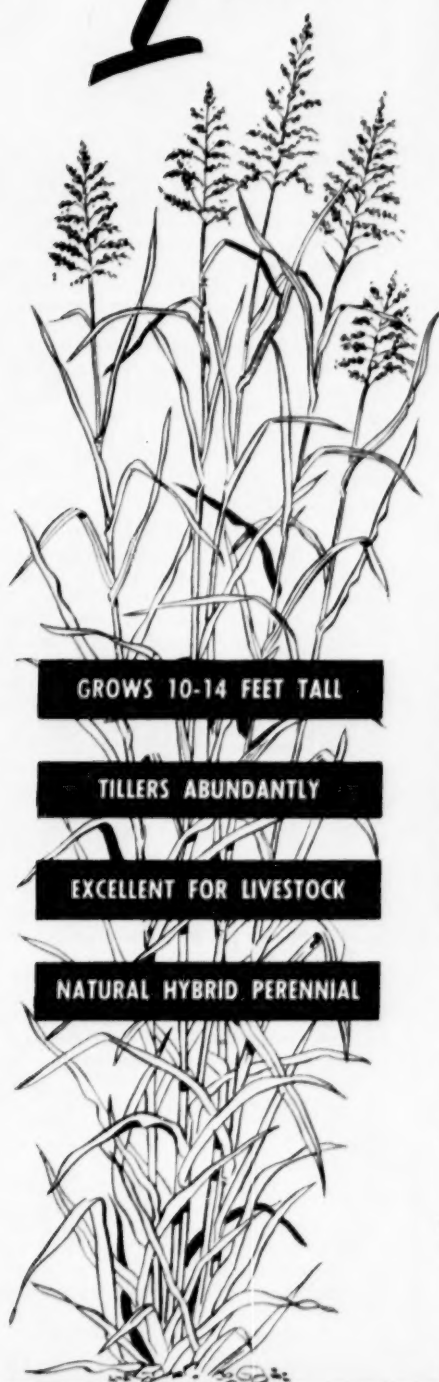
SORGHUM ALMUM A REALLY DROUGHT-RESISTANT GRASS

New Zealand Strain...Texas Grown

According to all authoritative sources and from test plots all over the country, backed up by our own experience, we have found sorghum alnum to be a truly drouth resistant grass. Here, by actual proof throughout the Southwest is the best grass seed anywhere—a real lifesaver in time of drouth.

Sorghum Alnum is a natural hybrid perennial which grows 10-14 feet under field conditions. The very heavy root system decays each year and provides excellent soil enrichment. Livestock relish the stalks for grazing and very heavy tonnage of foliage is produced.

This miracle seed grows and multiplies with absolute minimum of moisture even in tired, worn-out fields.



GROWS 10-14 FEET TALL

TILLERS ABUNDANTLY

EXCELLENT FOR LIVESTOCK

NATURAL HYBRID PERENNIAL



- Takes $\frac{3}{4}$ to 1 pound of seed per acre
- Comparatively low cost

Due to scarcity and limited supply, it would be wise to book immediately.

FOR BOOKING OR FURTHER INFORMATION
CALL OR WRITE

TAYLOR-EVANS
Seed Company

P. O. BOX 456 • PHO. WYdown 5-3544 • TULIA, TEXAS

growers—processors—distributors of **GOLDEN ACRES SEED**

**LOOK right
FIT right
WEAR right !**



Climb into a pair of snug-fitting LEVI'S.
Test the comfort of their trim Western cut.
Feel the strength of their rugged
XX denim—reinforced with Copper Rivets.
Then you'll know why LEVI'S are top
choice of the working cowboy—have been
since 1850. Get LEVI'S—now!



Look for the RED TAB on the back pocket

® THE NAME LEVI'S IS REGISTERED IN THE U. S. PAT. OFF. AND DENOTED GARMENTS MADE ONLY BY LEVI STRAUSS & CO., 16 BATTERY ST., SAN FRANCISCO

HERRIN HEREFORD RANCH

**For Sale
BULLS - COWS - HEIFERS**



TR Zato Heir 446th
One of our herd sires.

Due to our ranch being overstocked, we must sell a number from our herd. We have been building our herd for several years and have culled the inferior kind and added only the best. Here is a real opportunity for you to select some of our best . . . and at reasonable prices. Come by the ranch located at Stafford, Texas, on U. S. 90, on west edge of Houston.

R. T. Herrin, Owner
Box 1440, Houston, Texas. Phone FA 3-5111.

Promoting Cattlemen's Interests

Write for further information



For Three-quarters of a Century
410 East Weatherford, Fort Worth

chemical changes in the dam, and mineral and vitamin deficiencies.

Dwarfism Carrier Tests

Methods of identifying carriers are falling far short of perfection and they include the following six: (1) The profilometer test, involving head measurements; (2) X-ray readings of lumbar vertebrae; (3) blood tests, involving insulin injections; (4) urine tests; (5) endocrine tests; and (6) cerebral spinal fluid measurements.

The profilometer tests for bulls, although released for practical use, has tended to incriminate more than the normally-expected number. The same objection is raised over the X-ray method.

On-the-farm, trials with the blood test, using insulin injections, are now proving successful under practical conditions. University of Missouri researchers, in recent checks involving 175 animals, have found highly significant differences between carrier cows, pedigree-clean cows and dwarf calves. The insulin brings about a strong, swift increase in the number of white blood cells in the blood stream of pedigree-clean animals, while the white blood cell count of a dwarf under insulin stress increases very little and at a comparatively slow rate. The response is intermediate for carriers.

BREEDING FOR SPECIAL CONDITIONS

Whether cattle of the same genetic type are suited for production under all management systems is a question that needs a more complete answer. For example, is the type that performs well with a heavy grain feeding in dry lot equally efficient as a utilizer of pasture? Many beef research men believe they are, while some have their doubts.

Limited research points to the affirmative. In a test at the Virginia Station, bulls selected for high feedlot gains and others for low feedlot performance were bred to a randomly-selected group of cows. Steers sired by the better-doing bulls made faster gains in dry lot. Heifers from these matings, grazed for one season, showed a slightly less positive relationship to the gaining ability of their sires.

Somewhat the same results were obtained at the Bluebonnet Farm in Texas. Steers from different sires were randomly-separated into two groups, one being self-fed a high concentrate ration and the other a high roughage ration.

In Montana research, sires that make the most rapid and efficient gains as calves in the feedlot likewise do the same as yearlings on good range.

At the Dixon Springs branch of the Illinois Station, lines of Hereford cattle are being bred for better pasture utilization, more rapid growth and earlier fattening. The purpose is to utilize more fully the pastures of Southern Illinois.

Some work, involving identical twins, is contemplated by the U.S.D.A.

OTHER BREEDING RESEARCH

A practical way for detecting whether cows have been settled would be of untold help to stockmen. Hormone imbalance is cited as one cause of repro-



TEQUES LADY 67—A 2-year-old show mare bred to Poco Turp.



POCO TURP—The many times champion, with the boss.



TEQUES LADY 74—First in class at Memphis. Well-broken, good disposition. Bred to Poco Turp.



POCO TURP and TENNESSEE are tops either way you look at them.

Annual Sale

June 1, 1957

Catalogs Available Now

51 Quarter Horses 51

12 Noon

These are horses for working cattle, for pleasure, for contesting and for showing. They have been handled, loaded into trailers. Where old enough, they're ridden. They are all gentle broke.

Popular bloodlines—the ones you know, Steeldust, Hancock, Blake, Cake McCue, Poco Bueno, Poco Turp.

Sale at the ranch 6 miles south of Paris on US 79



TENNESSEE AND POCO TURP. Sure we're proud of them.

H. C. SPINKS FARMS & RANCHES - Paris, Tenn.

STEERJERKER—A stallion everyone on the ranch wanted to keep.



TENNESSEE—A top sire, and one of the best and fastest rope horses ever out of a chute.



COLTS LIKE TRAVELING when they're used to the trailer.



New Improved Models

BRUSH-MASTER**SAWS and SHREDDER MOWERS**

- ✓ Higher Production
- ✓ Lower Overhead
- ✓ Easy Operation

Over TEN years of PRACTICAL use and RESEARCH on land clearing and shredding equipment is incorporated in BRUSH-MASTER saws and shredder-mowers—to give the farmer and rancher an equipment combination that will do all jobs from clearing new land to shredding crop residue. WHAT'S MORE—it does the job at a cost that the farmer and rancher can afford to pay—don't miss getting information on this equipment—for cost saving in your operation.

**For the Last Word
In Land Clearing and
Shredding Equipment
Brush-Master**



See your dealer—or drop us a note—we will gladly send complete information on our new improved models.

HAYNES
MANUFACTURING COMPANY
Livingston, Texas

DB-The Place to Get Top Values

TR ROYAL ZATO 73rd

Owned jointly with Turner Ranch. Come by and see the yellow, rugged calves we have by this outstanding young sire.

With herd sires like TR Royal Zato 73rd and our large cow herd that must be regular producers of quality calves, we are producing the kind of Herefords that are getting top results in other herds. We can supply your needs . . . come by any time.

FOR SALE

A nice selection of bulls—yearlings or calves—one or a carload. Also, a nice selection of heifers with their first calves and some young cows and calves.

DUDLEY BROS., Comanche, Texas

Gail, Tom and Eltos Dudley, Owners

LIVESTOCK, LIVESTOCK INSURANCE - RANCHES, RANCH LOANS

Choice offerings of Registered Herefords (both Horned and Polled).
Cows, Calves, Bred Heifers, Open Heifers, Herd Bulls, Range
Bulls—from leading Texas herds. **REASONABLY PRICED.**

JOHN C. BURNS, Fort Worth 2, Texas

1205 Burk Burnett Building.

Phones: Office ED 6-1657, Res. PE 7-3245

YOU WILL BE PROUD

Write for further information



TO BE A MEMBER

410 East Weatherford, Fort Worth

ductive failure; yet the amounts of various hormones required for reproduction are not known. Cattle secretions contain both estrogenic and non-estrogenic substances which behave similarly and are difficult to separate.

In tests with dairy cows, which should be applicable to beef herds, Montana Station researchers have noted that during the first 100 days of pregnancy the estrogenic activity of the urine is low but later tends to increase. If a cow has failed to settle, this estrogenic activity remains fairly constant. The estrogenic level is determined by measuring its fluorescence, which is proportional to the concentration of estrogen.

Artificial Breeding

Overcoming the obstacles that limit the use of artificial insemination in beef herds has presented a constant challenge to animal scientists. Already, this practice is finding limited use in South Dakota, Nebraska and Oregon.

California research workers are experimenting with progesterone to synchronize the estrus cycle and bring a large number of range cows into heat at approximately the same time. Other researchers have made limited tests with vasectomized bulls, turning them into the herd at the start of the breeding season and thereby enabling range riders to spot the cows in heat.

Wisconsin investigations have developed frozen semen to a point where dairy cows now can be bred with semen from outstanding bulls that have been dead for several years. This has entailed years of trial and error with egg yolk dilutions, chilling, the application of glycerine and a thermo jug capable of holding constant an extremely low temperature.

Owners of purebred beef herds in Iowa recently have tried frozen semen. Several have used the commercial bull stud facilities to have semen from their own bulls frozen for future use. Some researchers predict that range men eventually will buy enough preserved semen from reputation herds to last through the entire breeding season.

Enough has been presented to reassure us that science is striving to close any gap that may exist between beef breeding and similar efforts with poultry and swine. Everyone in the beef industry must be alert to these advances if they expect to meet consumer preferences and maintain their economic position in this competitive world.

The shack creaks, and the roof leaks
Snow is blowing, and the weather is cold
Grub is getting low, and I'm getting old
I'm a stubborn old critter, lost without hope

Like a scared doggie, at the end of his rope

Wolves have driven most of my cattle away

And my old hound—they got him yesterday

The mortgage gets bigger each year,
And only the Lord knows the story here
Things are bad out my way
But I'm sending you my subscription anyway.

—Bill Workman, Omaha, Nebraska

SULLIVAN POLLED**HEREFORD DISPERSION****THURSDAY** **MAY 23rd 12:30 P.M.**

AT HOUSTON COUNTY LIVESTOCK COMMISSION CO.

HIGHWAY 21 WEST OF TOWN

CROCKETT, TEXAS★ **60 cows and calves**★ **15 bulls**★ **20 dry cows**★ **15 heifers**★ **2 herd bulls****1 herd bull son of CMR ADVANCE DOM 50
by CMR ADVANCE DOM****other herd bull son of CMR ROLLO DOM 12
by CMR ROLLO DOM****MOST OF COW HERD IS THE BLOOD OF THE TWO ABOVE
BULLS ALONG WITH SOME DOMESTIC MISCHIEF BLOOD****a good set of big polled cows – as a matter
of fact a herd of cattle anyone would be proud of!**

Catalog Address . . .**Box 88, College Station, Texas****C. N. Sullivan, Crockett, Texas****Walter Britten, Auctioneer****Roger Letz for The Cattleman**

TEXAS POLLED HEREFORDS "EVERYTHING BUT THE HORNS"

ATTENTION CATTLEMEN!

Kallison's has received a fantastic number of mail orders from all over the nation. Send your order TODAY!

The Famous Texas Ranger COAT and Matching Trousers

This is the coat preferred by Texas Rangers, Sheriffs, Constables and Texas Ranchers.



Order Your Stetson Hat from Kallison's \$10.95 and up.



A fine coat styled of Klondike Cloth . . . the best grade of Khaki. The full-length coat is 32 inches long in regular sizes, 33 to 34 inches long in longs. Has 3 patch pockets, 1 inside pocket, skeleton lined with vent in back. Two styles of matching trousers . . . regular cut khakis . . . or with western pockets and belt loops.

COATS	36 to 46	\$12.95
COATS	48 to 52	14.95
PANTS (Reg.)	waist 29 to 42	5.45
PANTS (Reg.)	waist 44 to 50	6.95
PANTS (Reg.)	waist 52 to 60	7.95
PANTS (Western)	waist 29 to 42	6.95
PANTS (Western)	waist 44 to 48	7.95
PANTS (Western)	waist size 50	8.95

Please add 35c for each garment to cover packing and postage

kallison's

BIG COUNTRY STORE

SAN ANTONIO, TEXAS

Order by Mail

KALLISON'S, 124 S. Flores, San Antonio, Texas

Please send me:

COAT Reg. or Long Size @ \$
PANTS (West) Waist Length @ \$
PANTS (Reg.) Waist Length @ \$

Name

Address

KALLISON'S RANCH

Available for Immediate Delivery: Registered Polled Hereford Bulls, Cows & Calves, Yearlings and 2-year-old Heifers.

PROTECT CATTLE INTERESTS

Write for further information



PROMOTE CATTLE INDUSTRY

410 East Weatherford, Fort Worth

J. D. SHAY

REFUGIO, TEXAS

Polled Herefords for Sale
Largest Herd of Polled Herefords in South Texas

N. M. MITCHELL

Polled Herefords

SANDERSON — TEXAS

Visitors Welcome

WINKEL'S POLLED HEREFORD RANCH Herd Sires

WPHR Domestic W. Domestic W 26, Domestic W 47, WPHR Domestic M 39, WPHR Advance Domestic W. All sons and grandsons of Essar Domestic W.

J. W. Winkel — R. F. Winkel
LLANO, TEXAS

Choose from the produce of 300 choice Polled Hereford cows — championship bloodlines — grand champion winning herd sires.

THE W. R. JOHNSON POLLED HEREFORD RANCH

Gladys A. Johnson, Owner
Jackboro, Texas

On Highways 281 and 199

Phone 2491

The Cattleman

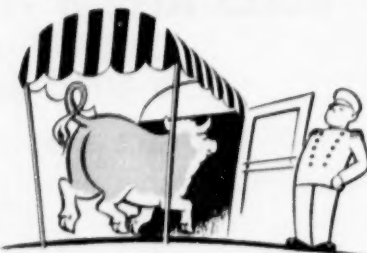
Established 1914

OWNED BY CATTLEMEN

PUBLISHED BY CATTLEMEN

READ BY CATTLEMEN

Open Wide Those Gates For Bruise-free Livestock



Prevent costly bruise losses
To rumple, loin and round!
Outlaw narrow gates, and
Sharp corners...wherever found!

CHUCKWAGON

By CHARLIE, the cook



"It ain't th' onions in th' cookin' thats makin' me cry—
It's th' COOKIN'!"

WE THOUGHT that our friends 'way out in California went in for fancier table fixin's than most of the basic and fundamental items of pure-dee Southern cooking, but when we received a letter of inquiry from Mrs. Anna McCarter of the Chimineas Ranch, near Santa Margarita, Calif., we realized that such is not always the case.

For Mrs. McCarter has asked if we can rally 'round with one of the most simple and basic recipes of Southern origin—one for real, sure-enough old-timey Hoe Cake, the kind the field hands used to bake on their hoes when taking the noontime siesta in the cotton patches.

And, since a revival of this delectable item of plantation cuisine is always worthwhile from time to time, we're going to set down the formula here in case anybody in climes outside of California might be tempted to bake up a batch.

We would suggest, however, the use of a griddle rather than a hoe as the most satisfactory baking utensil, the hoe being a bit unhandy around the average kitchen range. So, make that Hoe Cake like this:

INGREDIENTS: One cup of white corn meal; half a teaspoon of salt; half a cup of milk or water; salt pork drippings, butter — (and could any ingredient table be simpler?).

METHOD: Mix the corn meal, salt and enough boiling milk or water to make a batter which won't spread when dropped on a griddle. Grease griddle with salt pork drippings and drop the batter on the hot griddle, making each cake about half an inch thick. Cook slowly and when browned put fourth a teaspoon of butter on each cake, then turn and brown the other side. Or, cook it this way: place the batter on the griddle in one large cake and as soon as it is browned on one side turn the cake onto another freshly greased griddle to brown on the other

side. Now, take a knife and peel off the thin brown crust, place on a hot plate and spread with butter. When another brown crust is formed, turn the cake again, remove and butter the crust and continue the process until the crust is all browned —serving the crisp buttered crusts piled together and cut into sections.

The best way to improve this recipe is to double or triple the original ingredients.

* * *

Just as we were about to admit defeat in providing the prescription for an unusual meat dish requested last month by Jimmie Richards of Fort Worth, a plausible clue to fixing the same arrived from Mrs. Mike Balentine of Morse, Texas.

Mrs. Balentine says that, alas, she doesn't know the name of the concoction, either, but that the dish is Mexican in origin, and the peppers and lemon juice in it are sufficient to cook the raw beef it contains and turn the meat white. Goes like this:

INGREDIENTS: Three-fourths pound of boiled ham; one pound of round steak put through a food chopper three times, and then grind into the meat: eight ounces of Kosher dill pickles; three-fourths pound of cheese (try plain American); two medium onions; two cloves of garlic (or to taste); five to 10 pods of green chili peppers; 10 canned Jalapeno peppers; adding to all the juice of two lemons and half a pint of mayonnaise (or to taste).

METHOD: Just mix well and keep in the refrigerator.

* * *

And here's another helping hand on the same subject — Mr. J. E. Holmes, Jr., of Seymour, Texas, who says like this: "I thought every true West Texan had the recipe Jimmie Richards asked for. I've been eating the dish for nearly 50 years and here's how it's made:



ALL FEMALE SALE

50 LOTS- (over 90 head)

including . . .

40 cows with calves, most rebred
10 bred and open heifers

**MASON,
TEXAS**

June
4th
1957

for YOUR REPLACEMENT needs
or FOUNDATION HERD

featuring . . .

Famous Hill Country Quality

—all tested, ready to ship into any state

—each consignor guarantees every animal he sells, which is of breeding age on the day of the sale, to be a breeding animal.

Consignors . . .

M. R. Duderstadt	Harper
J. E. Epperson	Cherokee
Allen Gibson	Harper
G. F. Henke	Fredericksburg
Frank E. Jordan	Mason
E. W. Kothmann & Son	Mason
Silas E. Kothmann	Mason
Lazy E. Ranch	Round Mountain
Ray Martin	Llano
Ernest Priess & Son	Mason
Sawyer Hereford Farm	Cherokee
Schmidt Hereford Ranch	Mason
Mrs. H. J. Weinheimer & Sons	Stonewall

Sale starts 1 p.m. at

Mason Sales Co. Arena
located ½ mile East of Mason

Auctioneer

Walter Britten

Tom Adams for
The Cattleman

Write for your catalog

HILL COUNTRY HEREFORD ASS'N

J. D. Jordan, Secretary
Mason, Texas

INGREDIENTS: Two and a half pounds of lean ground steak with no fat or muscle; three medium-sized fresh tomatoes; three medium sour pickles and the same of onions; cayenne pepper, black pepper and salt to taste; juice of one and a half lemons.

METHOD: Run all the ingredients but the lemon juice through the food chopper, using the medium blade. Put in a bowl, drop in two raw eggs and stir up, making sure it's all mixed thoroughly. Put the lemon juice in this mixture and stir up real good. Then set the whole thing in ice for four to six hours. Either

pour off the fluid on top or mix it all again before serving.

"This fluid on top is tomato juice and not blood," adds Mr. Holmes. "This is a fine dish to serve with crackers."

Our thanks to Mr. Holmes and Mrs. Balentine for the assist.

* * *

We might say that we're sure enough stumped on the next one—a letter in which Mrs. J. D. McMath of Paoli, Oklahoma asks: "Will you give me a South of the Border recipe for chili?"

We're stumped because, as far as we know (from extensive on-the-spot re-

search in various Southern Republic states) chili, as we've come to know it, is just about as foreign to Old Mexico as would be broiled Paris snails in such beefsteak-and-potato towns as Amarillo and Cheyenne. Certainly, that so-called 'Sopa' that Mexican cafes set before the wayfarer ISN'T chili.

Orthodox chili being of Texas or Arizona pedigree, we hasten to add this 'North of the Border' recipe to those which have previously appeared in the column, the while assuring Mrs. McMath that it is one of the best:

INGREDIENTS: Two pounds of ground or coarsely chopped beef; half a pound of suet; two cloves of garlic, chopped fine; four tablespoons of chili powder; half a teaspoon of ground red pepper; half a teaspoon each of powdered marjoram and ground comino (and that comino is important); two tablespoons of paprika; about two teaspoons salt; four to six tablespoons of cracker meal.

METHOD: Get beef that is without fat or gristle. Fry out the suet, remove cracklins and saute meat over high heat, stirring constantly, until gray. Add a quart of water and simmer for a couple of hours, then add all the dry ingredients except the cracker meal. Simmer for 15 minutes more and add garlic. After simmering another half hour remove from heat and add the cracker meal for whatever consistency desired. If cracker meal thickening doesn't absorb all the red grease skim off what remains on top. Add your favorite beans—pinto, kidney or reds—before serving.

* * *

For this month's Vegetable Corner we're inclined to speak a good word for Asparagus Pie, which is something sorta new and makes an appealing dish when you follow these directions:

INGREDIENTS: One large bunch of fresh asparagus (about two and a half pounds); one and a third cup of water; two-thirds cup of evaporated milk; one large bay leaf; four sprigs of parsley; four thin slices of onion; a pinch each of thyme and marjoram; six peppercorns; three eggs slightly beaten; a three-ounce can of deviled ham; a 10-inch pie shell baked 10 minutes; half a cup of grated Parmesan cheese; half a cup of fine buttered bread crumbs.

METHOD: Prepare asparagus by washing well and cutting off the tough weedy ends of the stalks. Now lay stalks in shallow pan and cook covered in one-inch of salted boiling water from 10 to 15 minutes. Drain asparagus and cut into one-inch pieces, then set aside until later. Combine water and evaporated milk with bay leaf, parsley, onion, thyme, marjoram and peppercorns, simmer for 15 minutes. Combine the eggs and asparagus and strain the hot milk mixture into the asparagus. Spread ham on bottom of pie shell and cover with asparagus mixture. Sprinkle with Parmesan cheese and bake at 350—degrees for half an hour, or until set. Spread bread crumbs over top of the pie about 10 minutes before it is done.

squirt



K-R-S Liquid kills infesters on contact, prevents reinfestation, promotes healing.

K·R·S® knocks out maggots and screw worms fast!



CUTTER LABORATORIES,
Berkeley, California

smear



K-R-S Smear—first with both lindane and diphenylamine for larval kill and wound protection.

SORGHUM ALMUM

(New Zealand Variety)

Ready For Shipment Now

Limited amount of good clean seed available. This is grass described in February issue of THE CATTLEMAN as "The Grass of Great Promise for the Southwest."

Prices FOB Brownsville—100 pounds or more \$3.50 per pound. Under 100 pounds—\$4.00 per pound. No orders under 10 pounds. Orders will be filled in order of their receipt.

GROWERS AND PROCESSORS OF SORGHUM ALMUM SEED

WESTBROOK and SCHMITZ

P. O. BOX 668 BROWNSVILLE, TEXAS

Reference: Pan-American State Bank, Brownsville

Gatesford Polled Hereford Dispersion Averages \$905

SUMMARY

38 Bulls	\$ 68,275; Avg.	\$1,797
210 Females	156,885; Avg.	743
248 Head	224,360; Avg.	905

THE Gatesford Place Polled Hereford dispersion attracted a large crowd of buyers from 20 states to take advantage of the Gatesford breeding and the large offering of cattle. Demand was good throughout the two-day sale and the high average made on 248 lots marks it as one of the top sales of the year.

Gatesford Gold Mine, a five-year-old son of the Register-of-Merit Gold Mine bull owned by Orville Kuhlmann, North Platte, Neb., was the top selling animal, going for \$15,000 to John W. Mettler, Jr., East Millstone, N. J.

The second top bull was Gatesford Nu Gold, a Dec. 1954 son of Gay Hills Victor, outstanding herd sire at Gay Hills ranch. He sold for \$8,700 to T. W. Bryant, Dalton, Ga. CMR Advance Rollo 19th, a 1950 son of CMR Advance Rollo sold at \$5,000 to Dr. Robert L. Shuffett, Greensburg, Ky.

Pleasant Point Plantation, Beaufort, S. C. purchased the top selling female in the sale and was also one of the heavy buyers. Gatesford Blanche Domino, a 1952 daughter of RCR Advance Larry and out of a daughter of CMR Rollo Domino 12th, was the top cow selling for \$5,500. She had a good bull calf at side. Millcreek Valley Farms, Johnstown, Pa., purchased the second and third top females at \$4,050 and \$4,000. They were DM Rollo Domino 1st out of a Circle M. Adv. Domino cow, and a four-year-old daughter of DM Rollo Domino 1st out of a CMR Rollo Domino 12th dam.

Auctioneers included Jewett Fulker-son, Walter Britten and Bill Pace.

Indu-Brazil Cattle

(Continued from Page 33)

vival and evolution of these cattle in India through hundreds of years of extremes in climate and topography provided them with a hardiness and stamina that is passed on to their offspring. The purity of blood in Zebu sires assures the maximum in hybrid growth and vigor when crossbreeding with native American cattle.

In the few short years that Indu-Brazilian cattle have been in the United States, they have proved their ability as beef producers with universal adaptability. The Zebu strains have been bred into hundreds of thousands of U. S. cattle, which have produced a beef animal unmolested by climate; superior as a rustler; and is an efficient forager, with the added ability to convert poor roughage into high quality beef. The infusion of Zebu blood into American cattle has had a marked influence on the nation's beef industry and today more and more cattlemen are using PAZA registered herd sires in grading up their herds.

JACK POT STEER ROPING

featuring . . .

World's Champion and former World's Champion ropers . . . Roping 60 head of Mexican Steers behind the Oklahoma Prison walls at McAlester, Oklahoma.

SUNDAY, JUNE 2nd

2:00 P. M.

Avail yourself of the opportunity to see top steer roping and visit the penitentiary at the same time.

- 15,000 good seats
- free parking — modern rest rooms
- music by famed prison bands
- plenty of food and cold drinks at moderate prices on grounds

Admission

Adults \$1.00

Children under 12 - 50c

Lawrence Clements
Prison Rodeo Manager

If You Work in the Saddle

You'll Want a Pair of
These Old-Time-Quality,
Made to Measure Boots

You just can't beat them for glove like fit, original, exclusive designs and the long service that comes from finest materials and superior workmanship.

Blucher makes nothing but made to your individual measure cowboy boots. 36 different styles for work or dress. Fit guaranteed. Years of wear in every pair. Write for Free Catalog, in colors, today.

G. C. Blucher Boot Co.
Olathe, Kansas

BLUCHER BOOTS
they never lose a Stirrup

Reduce
Your Feed Costs
\$12 - \$16 a Ton

BROWER *Whitwind*
FEED MIXERS
Over 9000 Satisfied Users

Save 60c to 80c per 100 lbs. Mix your own cattle, hog and poultry feeds. Mixes a perfect blend in 10 minutes. 5 sizes—700 to 4,000 lbs. Made of heavy steel, electrically welded. Sold on 30-day trial guarantee. Write for catalog and low prices. Distributed by

Brower Mfg. Co., Box 1901, Quincy, Ill.

World's Largest Selling Mixer!

Alfombrilla

(Continued from Page 36)

Conditions of Alfombrilla Poisoning In Mexico

The largest losses which have occurred in Chihuahua have been cattle, mostly steers being moved into or out of the Santa Clara Valley area. Since trucking in or out of this area by way of Chihuahua is not feasible, cattle are trailed across country by way of Santa Clara Canyon to loading and shipping points north of Chihuahua. The railroad and highway from Chihuahua to Juarez parallel and the shipping and loading points are Parrita and Ojo Laguna approximately 50 and 60 miles north of the city of Chihuahua. The trail area between Santa Clara Canyon and the loading points has been used for many years in this way; consequently it is badly over-grazed and heavily infested with alfombrilla. The most severe losses in 1955, which culminated in the recent investigations, were 248 head out of 700 in October and 100 head out of 500 in November. An estimated 500 were lost in the 1955 drives. Since it has been found that well-fed, watered and rested cattle do not take the weed as readily, the driving losses in 1956 have been somewhat controlled. One record in December 1956 was 56 out of a herd of 332 calves trucked to Ojo Laguna and trailed by way of Parrita to Santa Clara Canyon. Over 1,700 were trailed in five bunches from Ojo Laguna to the canyon from the same herd without loss. Rest, feed, water and careful handling made the difference. At least 12 ranches in the problem area have certain sites infested with alfombrilla as well as other toxic species and most of these ranches have suffered severe losses. The 3,000 head figure for 1955 and 1956 is based on all losses concerned both in the drives and on the ranches. Alfombrilla is not known to occur in the Santa Clara area proper. In fact, this area is an excellent grama

grass range area which produces many of the beef animals which reach the U. S. markets.

Control and Management

Good range and livestock management is the most practical method of controlling losses from alfombrilla. Some initial work with formulations of 2,4-D indicate a top kill but repeat treatments probably will be necessary for a high percentage of root kill. Since this poisonous plant increases with over-grazing and range misuse, deferred grazing to give the better grasses an opportunity to crowd out this plant is advisable. Animals to be driven across infested areas should be fed well, rested and watered before crossing these areas. The plant is apparently rather unpalatable and eaten only in the absence of other forage. On localized sites the plants should be pulled before flowering as a method of control. In general, treatment of affected animals has been unsatisfactory.

Related Species

Four species of drymaria which occur in Southwest Texas are Slender drymaria (*Drymaria gracilis*); Slimleaf drymaria (*D. sparguloides*); Thickleaf drymaria (*D. pachyphylla*); and *Drymaria tenella*. The most important of these is thickleaf drymaria or inkweed, which has caused numerous losses in the Trans-Pecos area of Texas and New Mexico.^{4, 5} However, this plant is an annual and grows in the more moist conditions of the dry range areas.

A large number of species of the genus *Drymaria* are known for Southwestern United States and Mexico. Approximately 70 species are known for North America, over 50 of them in Mexico.⁶ At least four species are known or listed as poisonous to livestock. Since two, alfombrilla and thickleaf drymaria, are established killers on a large scale, many of them can be suspected as potential problem plants in the areas concerned.

Acknowledgments

This report has been made possible through the cooperation and assistance of Ing. Armando R. Raynal, rancher; Joseph L. Hearn, Jr., Tecnico Agrícola; Dr. Blas B. Ibarra Montiel, veterinarian and Sr. Vicente Medina, Rep. Dow Chemical Co., all of Chihuahua. The Union Ganadera Regional de Chihuahua and many of its members were instrumental in arranging a trip into the area and a meeting with the ranchmen. The first toxicity tests and continued studies were through the interest of Dr. Federico Rubio Lozano, Secretary of Agriculture and Livestock with the Institute of Livestock Investigations of Mexico. To these and others who furnished information, the authors' appreciation is expressed.

REFERENCES

1. Anonymous. 1956. Informacion sobre la planta toxica recolectada en la zona de Ojo Laguna, conocida vulgarmente con el nombre de "Alfombrilla." Chihuahua Ganadero. Diciembre, pp. 4-16.
2. Dollahite, J. W. and W. V. Anthony. 1956. Toxicity of *Drymaria arenarioides* for cattle, sheep and goats. Texas Agri. Expt. Sta. P. R. 1911. 4 p.
3. Hearn, Joseph L. 1956-1957. Tecnico Agrícola. Chihuahua, Chl. Mexico. Personal correspondence.
4. Lantow, J. L. 1929. The poisoning of livestock by *Drymaria pachyphylla*. New Mexico Agri. Expt. Sta. Bul. 173. 13 p.
5. Mathews, F. P. 1946. The toxicity of *Drymaria pachyphylla* for cattle, sheep and goats. Vet. Med. 35:255-260.
6. Morton, C. V. 1956. U. S. National Museum. Washington, D. C. Personal correspondence.
7. Sperry, Omer E. 1956. Reporte de observaciones sobre planta venenosas, para la Union Ganadera Regional de Chihuahua. Chihuahua Ganadero. Diciembre, pp. 29-32.
8. Wiggins, Ira L. 1944. The genus *Drymaria* in, and adjacent to the Sonoran Desert. Proc. Calif. Academy of Sci. 25(6):189-214.

The Cattleman

Established 1914

OWNED BY CATTLEMEN
PUBLISHED BY CATTLEMEN
READ BY CATTLEMEN

GET AHEAD WITH LAMPLIGHTER HEREFORDS

★ ★ ★

THE MORE ANXIETY 4th BREEDING YOU USE . . .

THE LESS ANXIETY YOU WILL HAVE

YOU CAN BUY


THIS BREEDING IN ABUNDANCE


★ ★ ★

AT THE

HAMMON, HEREFORD RANCH

WICHITA FALLS, TEXAS





FOR SALE—Bulls, in ages and numbers to suit your needs.

Looking Back

Through the Pages of The Cattleman

(May, 1917)

Plans for the reorganization of the National Feeders and Breeders Show at Fort Worth under the name of the Southwestern Exposition and Fat Stock Show were perfected at a meeting of directors during the past month. The board of directors of the new organization is composed of Marion Sansom, president; S. B. Burnett, William Monnig, Ben J. Tillar, Van Zandt Jarvis, Sam Davidson, George H. Clifford, A. B. Case and C. C. Gunn, secretary.

Following a declaration of war against Germany (April 6), President Woodrow Wilson issued a message to every American citizen which included an appeal to farmers to plant abundant foodstuffs, admonishing them that upon the farmers largely rests the fate of war.

Secretary of Agriculture Houston, in a letter to President Wilson, urged that Congress grant authority to fix minimum prices on food products in order to augment production, especially of meats.

During the month of April, inspectors for the Cattle Raisers Association of Texas recovered for members 505 head of cattle.

Cattlemen were generally of the opinion that Governor Ferguson made a serious blunder when he vetoed the appropriation to pay bounties on jackrabbits. Cattlemen claim that three grown jackrabbits will eat as much grass as a sheep.

(May, 1927)

The USDA is supervising the grading and marketing of two classes of meats—price and choice beef cuts—under an order effective May 1. The National Live Stock and Meat Board is directing the work, which is being inaugurated in nine cities where there are packing plants and a large consumption of beef.

A study conducted in North Central Texas for four years shows that ranches that have lost money outnumber those that have returned a profit. Of 40 ranches studied, 15 made a profit of about \$3000 and the remaining 25 lost a little over \$7000. High interest rates, short-term loans and small calf crops, due principally to unfavorable range conditions, are blamed for the poor showings.

(May, 1937)

Through an emergency appropriation from the Texas Legislature, the Livestock Sanitary Commission has launched a final drive on fever tick infestation in 14 southeast Texas counties.

J. R. Scott, Beeville, was elected president of the newly formed South Texas

Breeder-Feeder Association. Holman Cartwright, Houston, is first vice-president; Claude E. Heard, Corpus Christi, second vice-president, and Paul Russell, Beeville, secretary.

Governor Allred of Texas signed two bills sponsored by the Texas and Southwestern Cattle Raisers Association. One fixed the term of office of the Livestock Sanitary Commission of Texas at two, four and six years for the first appointments and each new appointment at six years. The other bill regulated livestock auction rings.

(May, 1947)

The American Hereford Association reports that the 5,000,000 mark in registrations was reached April 12 and that numbers 5,000,000 and 5,000,001 would be reserved for Hereford champions at the American Royal and International livestock exhibitions.

Col. Arthur W. Thompson, nationally known livestock auctioneer, was honored by the Block and Bridle Club of the University of Nebraska for his "constructive work for better livestock" when his portrait was hung in the portrait gallery at the club.

Highland Hereford Breeders Re-Elect Jim White President

THE Highland Hereford Breeders Association held its annual meeting in Marfa March 28 and re-elected Jim White, Marfa, president. Keesey Kimball, Alpine, was re-elected vice-president; and A. Forrest Hope, Marfa, secretary-treasurer.

New directors are Rust Largent, Marfa; Fritz Kahl, Fort Davis, and Alfred Negley, San Antonio.

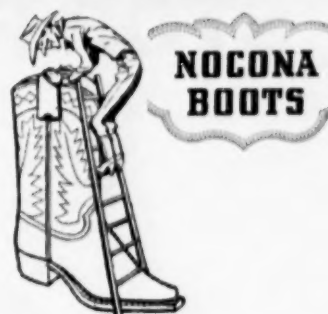
The association presented its annual soil conservation award to Mrs. George Dallman, who ranches on 21 sections east of Alpine and raises choice commercial Hereford calves.

A special award was presented to Joe T. Lane, Marfa, for his work on the association's second annual bull sale.

President White told the members that the association is working to have the Marfa-Alpine-Fort Davis area given a modified accreditation as a brucellosis-free area to simplify concurrence with the new federal brucellosis regulations. He said veterinarians and others have told him they do not know of any case of brucellosis in female beef cattle in the Highland area and that there is a fair chance the area will be able to qualify although it will entail much work and full cooperation of Highland ranchmen.

All progressive cattlemen read

The Cattleman



what do you
look for
in a boot?

Do you look for quality and comfort as well as appearance? Or do you look only at the price?

There's a lot of difference in the way boots are made, the materials used in them . . . and in the service they give you.

NOCONAS invite close inspection. Only top quality materials go into NOCONAS . . . skillfully and artistically styled . . . hand lasted for true foot comfort. And NOCONAS are priced right . . . more economical in the long run.



"Denver" 1033

try on
a pair of
NOCONAS
at your
dealer's



"Wyoming" 1016

NOCONA BOOT CO., Inc.
INID JUSTIN, President
NOCONA, TEXAS

STOP PINK EYE

WITH



OCUROL-VET

THE ONE-SQUIRT METHOD

Proven On More Than A Million Head

Supplied in 60cc bottles with handy spray attachment. For treatment of Pinkeye and other Bacterial or Fungicidal infections of the eye.

\$2.25 Per Bottle

At Your Favorite Dealer,
Veterinarian or Druggist.

Manufactured by The Ocurol-Vet Co.
Sabinal, Texas

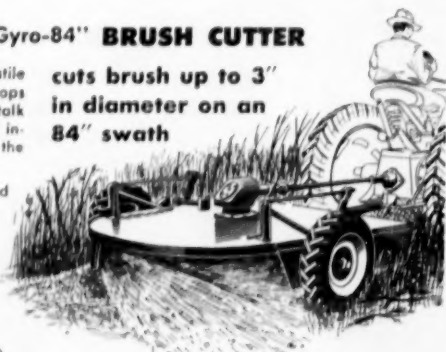
The Cattleman—Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.

Servis "Gyro-84" BRUSH CUTTER

The "GYRO-84" is a versatile rotary cutter for clearing crops or thickets, pasture control, stalk shredding, soil building and insect control... all through the year.

Minimum power required because of great blade momentum... V-shaped blade carrier and shear pin prevent stump damage. Smooth, steady cutting performance even in the roughest conditions. (Extra optional set of blades available for finer pulverization.)

**cuts brush up to 3"
in diameter on an
84" swath**



Servis Equipment Company Dept. MC
1000 Singleton Blvd.
Dallas, Texas
Please send me information on items checked.

Name _____
Address _____
City _____ State _____
Type Tractor Owned _____

- | | | |
|--|---|--|
| <input type="checkbox"/> Gyro 84 Brush Cutter (Pull-type) | <input type="checkbox"/> Pasture Renovator | <input type="checkbox"/> 3-Way Ditcher-Terracer Blade |
| <input type="checkbox"/> Gyro 66 or 57 Shredders (Pull-type) | <input type="checkbox"/> B & W Row-Weeder | <input type="checkbox"/> Heavy Duty 3-Way Ditcher-Terracer Blade |
| <input type="checkbox"/> Gyro 66 or 57 Shredders (Lift-type) | <input type="checkbox"/> No. 7 Angledozer (Row Crop Tractors) | <input type="checkbox"/> Model "I-H" Whirlwind Terracer |
| <input type="checkbox"/> SC-80 Rotary Mower | <input type="checkbox"/> Dump Type Rake | <input type="checkbox"/> Model "F" (3 pt. lift) Whirlwind |
| <input type="checkbox"/> E-60 Clipper | <input type="checkbox"/> Hudson Automatic Row Marker | <input type="checkbox"/> "Sur-Stan" Press Wheel |

"Make Pay Dirt Pay More — Join Your Soil Conservation District"

Fort Worth Stock Show Most Successful Ever Held

W R. WATT, president of the Southwestern Exposition and • Fat Stock show reported at the annual membership meeting of the exposition held in Fort Worth April 14, that the 1957 show was the most successful ever held despite the worst period of weather in its history. Inclement weather set in the day of the opening parade and lasted almost a week of the 10-day show. The last three days, however, broke all records for attendance, Watt said.

January 24 through February 2 were dates set for the 1958 show.

All officers except treasurer were re-elected. Watt is president, Amon Carter, Jr., chairman of the board, F. M. Dougherty, vice-president and Raymond E. Buck, secretary. George Thompson, Jr., president of Continental National Bank was elected treasurer succeeding Estil Vance, president of Fort Worth National, following the custom that the office of treasurer rotate among the national banks in Fort Worth.

Eight new members were added to the board: W. L. Caraway, Weatherford, and J. H. Chowning, August C. Esenwein, Harvey Gaylord, W. O. Jones, A. P. Rowland, L. N. Wilemon and Glen Woodson, all of Fort Worth.

W. A. King, assistant manager of the show and general livestock superintendent, reported that the 1957 show broke all records for the number of livestock entries. He reported that 8864 entries from 30 states were represented. In 1956 there were 7803 entries from 33 states.

Douglas B. Mitchell, assistant manager and horse show superintendent, reported that horse entries came from 25 states and Saudi Arabia and that the Fort Worth show ranks as one of the most outstanding horse shows in the country.

Resolutions were adopted in memory of two directors, Sam C. Arnett, Lubbock, and Glenn Allen, Monahans, who had died since the last annual meeting.

McSherry Heads New Mexico Hereford Association

G. X. MCSHERRY, Deming, was elected president of the New Mexico Hereford Association at its annual meeting held in Albuquerque March 24. McSherry succeeds Deming Doak of Gladstone who had served two full terms.

John Easley, Lovington and Billy Sykes, Ft. Sumner, were elected vice-presidents. Al W. Woodburn, Roswell, was reelected secretary-treasurer and Parley Jensen, was renamed executive secretary.

Four new directors were elected: Billy Sykes, Howard Hampton of Logan, Don Harkness of Raton and W. O. Dunlap, Jr. of Tatum. J. C. Neafus of Newkirk was reelected after serving an unexpired term of one year.

New Mexico Cattle Growers Meet

Large Crowd On Hand Despite Severe Snowstorm—All Officers Reelected

DESPITE a devastating storm that wiped out more than 12,000 cattle in the area and caused huge loss of human life, a large crowd was on hand for the 43rd annual convention of the New Mexico Cattle Growers Association held in Albuquerque, March 24-26. Speakers appearing on the program, as well as all convention business, held the storm to be the most important problem facing the industry. In final convention action, the association voted to conduct a survey of the disaster area and take immediate steps to secure whatever aid necessary to relieve the situation.

All officers were reelected for a second one-year-term. Officers are: Dick Snyder, Clayton, president; W. I. Driggers, Santa Rosa, Phil Harvey, Carrizozo, Giles Lee, Buckeye, and Reuben Pankey, Truth or Consequences, vice-presidents; and E. O. Moore, Jr., secretary-treasurer. Horace Hening, Albuquerque, was re-named executive secretary for his 16th year.

The board of directors, which includes association officers were reelected: Noel Rankin, Cliff; A. D. Brownfield, Deming; Robert C. Cox, Winston; George A. Godfrey, Animas; Albert K. Mitchell, Albert;

Mrs. Earl T. Smith, Raton; Carl Johnson, Jr., Lovington; Anderson Carter, Portales; J. L. Davis, Cimarron; T. A. Spencer, Three Rivers; Sherwood Culbertson, Lordsburg; Sam D. Steele, Ft. Sumner; Andrew Chitwood, Clovis; G. W. Evans, Magdalena; E. G. Hayward, Cimarron; Mrs. Roy Forehand, Carlsbad; Lee S. Evans, Marquez; Ed Heringa, Clayton; and Robert H. Royall, Silver City.

Albuquerque was selected as the site of the 44th annual convention.

Resolutions adopted at the closing session of the convention included the following:

Urged the government to set up adequate livestock credit during present period of depressed prices at reasonable rate of interest;

Recommended passage of S-434 to insure maximum control and review of government expenditures by Congress;

Opposed mandatory legislation regarding humane slaughtering methods until more acceptable and economical methods are developed by the industry;

Urged New Mexico State Highway Commission to give consideration to proper underpasses, cross-overs, etc., in

construction of controlled access highways for efficient operation and maintenance of ranch properties adjacent to such highways;

Disapproved any continued agreement on Tariffs and Trade act which will expire in 1958 insisting that powers of all tariff matters be retained in the hands of Congress;

Endorsed the work being done by the National Live Stock and Meat Board and urged that industry cooperate in securing necessary funds to extend its activities;

Opposed any legislation removing meat packers from the jurisdiction of the Packers and Stockyards Administration;

Endorsed efforts on the part of Swift & Co., Wilson & Co., Armour & Co., and the Cudahy Packing Company to modify the Meat Packers Consent Decree of 1920;

Opposed HR 2771 to amend the Soil Bank Act so as to include grazing lands in the Soil Bank Program;

Opposed HR 2367 to establish a deferred grazing program on private lands as a part of the relief available to drouth stricken areas.

The Cattleman

Established 1914

OWNED BY CATTLEMEN

PUBLISHED BY CATTLEMEN

READ BY CATTLEMEN

TOO MANY COWS!
LOST LEASE ↔ MUST SELL!

100 HEAD

**EXTRA GOOD MANSO - BRED COWS NOW
CALVING BY OUR TOP BULLS**

**GOOD AGES \$300 REAL BARGAINS
FROM THE HOME OF JUMBO BRAHMAN**

Office: 25th Floor, Esperson Bldg., Houston, Texas

Ranch: Simonton, Texas

**PECAN ACRES
RANCH**

Vernon Frost, Owner

Paul Sabrula, Livestock Mgr.

Male Lines of Descent of Brahman Cattle

Compiled by Don Wakeman, Department of Animal Husbandry, University of Florida

MOROTO LINE

(Names touching line are one-half brothers)

MOROTO 1-283

Silver King 6-291
Sir Plata Arie 683-3020
King's Own 900-7847
Aristoro 992-72825
King Gradan 560-8716
King G's Dumpty M 6-48402
Anrex 636-8114
Pat 24-16524
Salan 44-17573
Jenny 27-16527
Hensley 25-16525
Ideal 31-303
Ideal's 246 AA/264-32161
Sir Ideal 5th 703-583
Ideal Jr. 687/0-2362
Guillermo 177-2849
Kleberg 1-1267
Dutch 91-1505
Blue Dutch 512-3162
Elmer's Dutch 319th 319-4491
Pallawton 958-7795
Little David 650-4142
Little David Royal 230-24470
Brazos 238-23165
Toney 370-49804
Lavaca Blue 129-17894
Davidson AA/72 AA/72-13217 (Webb)
Harry G. 661-7496
Nampson 139-23127
Harry G's 245 - AA/245-82169
Harry's Son 19230
Valley Prince 926-5975
Duke 850-4165
Don 664-1806
High Packets 977-7769
Jerry 516-2575
Coke 10th 349-10969
Big Boy 657-2863
Pinkney 86-7165
Double Dutch 651-7495
Rondo 2nd 42-17814
Red Boots AA/112-18248
D. D.'s Gray Boy 78-13224
Dutch's Hillie AA/90-13235
Tippu 23-295
Tippu Jr. 7-2338
Tipinen 919-7744
Tippu The Great 511-4464
Nobille AA/11-1236
Nobille 2nd 41-18700
Victoria Pride 75-35177
Nobille Dix 40-18699
Stack Caruso 60-25415
Flat Top AA/32-11503
Tip 18-22669
Ghanda 15-18998
Tippu Dan AA/178-19231
DR Tippu Imperator 663-40652
Tippuquin 0/4-8428
Silver Level AA/310-34497
Prince Edward 800-4500
Duke Moroto 44-11473
Wilhelmina's Duke 122-25489
Showman 806-4481
General David 164-24589
Dead Level 25-10925
Tippu's Blue 985-5582
Tippu Magnus 901-7736
Tippu's Christman AA/85-18229
Tipe 3/4 140-23130
Table Top 49-11526
Bos-Indicus AA/222-19232
Elephantus AA/73-13218
Liberty 985-8257
Heroblo 176-23161
Pyburn's Tippu AA/195-34523
Webb's Tippu AA/181-18617
Noble Grand 902-7757
Broadback 0/35-8616
Tippu's AA/40-11690
Tippu's 0/8-8548
Cecil's Moroto 305-4482
Mexiroto 5-1446
Mexiroto 5th 5-6266
Sombbrero's 295th-30367
Ponyroto 208-2573
Junior Moroto 6-1424
Moroto Jr. 13-388
Sir Moroto Jr. 57th 728/0-1176
Buster Moroto Jr. 692/0-8583
Suva 248-599
Suva Jr. 50/0-658
Dutchess Suva 960/0-2965
Dutchess Suva 581/3-12368
Sonaboy 344-15752
Bill Suva 26/0-660
George 106-6207
Dick-Brownie 43-968
Pierce Ranch 263rd 253-8679
Pierce Ranch No. 432 432-8687
Big Hump 311-4489

MOROTO 1-283

Dockrich 727-5803
Moroto's Lineman 515-4141
Tight Boy 223-4487
Little Pop Moroto 2-3296
Rincen 4th 4-3298
Tommy 1st 1-8471
Buster 25-297
Big City 823-4639
Buster's 740th 740-4154
Jay Dee 288-20707
Jacob 19-654
Sabino 395/1-6287
Partina 66-3264
Sir Jacob 11th 104/1-6895
Sir Jacob 37th 299/2-3981
Morobob 512-1140
Webb's Morobob 180-23162
Highlandling 529-8558
Toro Moto 7-12594
Moroto 3rd 26-298
25th Sir Moroto 3rd 929/0-1218
April 399-4467
Prince of Orange 819-7729
Kris Kringie 4-4494
Esso Celo 36-10101
Kris Kadet 34-10100
Hajah 58-1163
Dandy 333-1554
Jacob's 711th 711-4150
Little Moroto 8 11-4469
Deck 4-1445
Kelly 27-1815
Silverman 043-192

IMPERATOR LINE

IMPERATOR 2-120

Imperator II 327-3901
Rexardo 759-3047
Manao Rexardo 609/3-12391
Tilton Cross 49/4-15245
Sir Plata Blue 0/1-7836
Imperator 3rd 0/577-38995
AJM Imperator 4th 199/0-44287
Fidido Rex's Imperator 836-50628
Commander Van Dorn 829-4381
Ezekias 850/3-15046
JDD Van Dorn 175/5 175/5-36012
King Van D Imperator 23rd 123-69354
Banel Van Dorn 34th 184-77342
Vulgar Van D Imperator 40th 140-77343
Sir George 90th 90-42394
Agrograd 183/4-18056
Anherer 256/4-18221
Van Dorn 597th 597/4-22814
Rusticardo 756-3044
Richelleu 918/3-15114
Richelleu's Babe 15-75984
Sadoc 907/3-15108
Anascenda 183-19027
Brownie Aristocrat Imperator 380-16881
Zenobelle's Imperator 854-60313
Brownie's Imperator 159-16873
Jim Sartwell 122-44321
Imperator Ufilas 747-3036
Toney Manao 574/4-20604
JDD Riggs de Manao 906/5-49855
Sequento Imperator 816/3-15012
Alaya Imperator 41-56390
Guarato 811/3-15007
Little Boy 16-3111
Stanton II 5/6-21984
Sir Gilden 20th 20/6-28014
Duke Henry 787-4419
King of Kaplan 483-7057
King Rue 226-8569
King Grey 280-8561
Imperator Martin 106/1-106/1-51496
Imperator Manao 699-20883
AJM King Imperator Manao 402/0 61316
Dominique Imperator 771-22585
Manao 700-20621
Imperator of Manatee 30-71074
Emperor of India 380-3005
Sir India 135th 135-22585
Imperator of Florida 881-7580
Murphy's Imperator 3rd 10-48510
Basil Imperator 14th 014-40973
Imparistore 423-4435
Imparistore Jr. 26th 240-10861
Empre 200-7961
Empre 791 791-34645
Emperor Jr. 1st 382-16712
Emperor Jr. 4th 411-15741
Emperor Jr. 7th 500-21400
Emperor Jr. 8th 457-21257
Douglas Emperor 8-854th 854-43048
AD8 Abel de Emperor 653-58617
Emperor Jr. 10th 466-21366
Duck 70th 70-22658
Emperor Jr. 16th 540-25563
Emperor Lyons 4th 15-49485
Emperor Jr. 20th 851-25574

IMPERATOR 2-120

Emperor Jr. 24th 620-20968
Emperor Jr. 32nd 641-30280
Emperor Jr. 36th 676-30313
Emperor P 786 786-34641
Emperor P 805 806-43093
Hadacol Emperor 10-72983
Emperor de Cullowhee 895-49304
Chica Emperor 1/0-58353
Sir Emperor de Manao 1st 35/0-58382
Superior Manao Emperor 460/5-39753
Eatevan Superior 2-79587
LeBeau Emperor 222/0-76302
Ketchikau Manao Emperor 462/5-39755
Galves Manao Emperor 475/5-39750
Emperor's Water Bug 996-56733
Burma Manao Emperor 455/5-39748*
Emperor Manao 625

ARISTOCRATA LINE

BARAO

Aristocrata 1-134
Arisairie 550-3104
Aristocrata's Prince 500-3011
Prince Josiah 684/2-5903
Jaime 153/4-18020
Aristo Rath 547-7055
Duke of Kaplan 107-8695
Captain Youl 623-7464
Albarrata 730-4449
Albarrata Jr. 37-27597
Sir Antigo 545-3013
Knight of Fidance 984-7818
Pr. Arislausanne 720-3024
Monte Cristo 728-3027
Aristocrat of Camrose 630-4343
Aristocrat's Stan 806-4361
Jesalan 0/449-27022
Sir Arisan 725-3025
Aristarchus 681-3018
Rex Aristarchus 999-7832
Nahum 166-17097
Aristarchus 3rd 0/200-13558
Count Rexmuro 0/2-7837
Silver Stuff 556-27584
Boots 204-13562
Commander Light 994-7827
Lonita's Commander 0/776-50583
Obidiah 0/4-7839
Manao 41-162
Galan Manao 398/3-10598
Jumbo 211 211-46559
Burma Manao 804/1-3526
Burma Manao 4th - 299/3-10499
Beville B. Manao 888/4-28518
Silver Burma 54-52575
Poonca Manao 78/3-1230
Typer Manao 604/4-2282
JDD Colorado Manao 915/4-38545
JDD Leonidas Manao 267/6-59250
Adasa de Manao 182/4-18049
JDD Dusty Manao 202/5-34110
Defendo Manao 126/4-16322
JDD Defendo Manao 318/5 313/5-36149
Resoto Manao 381/2-5663
Crysoto de Manao 558/4-19229
JTB Crysoto de Manao 115 115-60628
JDD Lorenzo de Manao 83/6-59066
Resoto Manao Jr. 200/5-35825
Philo Manao 870/4-27389
JDD Philo Manao Jr. 144/6-59127
C D Philo Manao 7th 7-62306
Ruel 814/3-15010
Randoso R Manao 805/3-15001
Tuckerman Manao 57/4-15253
Igloo Manao 847/2-6603
Allea 270/4-18136
Ponciano Manao 435/1-4673
Boehler 10-19256
Pedro Manao 14th 301-24237
Aristo Poonca Manao 21-12133
Aristocrat Manao 670/0-1175
Aristocrat Manao 20 365/5-10565
JDD Aristocrat Manao 215/5-36052
JDD Aristocrat Manao 666 666/6-79909
JDD Rex A Manao 1/5-28629
JDD Syro de Manao 584/6-70176
Dandelion 617/3-12399
Oxias 852/3-15048
Federato A. Manao 806/3-15002
JDD Chunko Manao 884/4-28514
Chunko Manao 270 270-68494
Benfro Manao 8-10901
Ajapo 216/4-18083
Haby Face 7-17953
Shaker 1/3-6754
JDD Shaker Manao 185/5 185/5-36024
JDD Quarto de Manao 478/5-42460
Metecurus 977/2-6731
Zara 844/3-15040
Aristocrat Manao 1st 799/1-2979
Frey's Aristocrat Manao 1st 6-11276
Gaupp Manao 49-24971

BARAO

Rodrigo Manso 674/0-1174
 Rodrigo Manso 17 118/3-10314
 Adzgerly 174/4-18041
 Manso Cadanza 166-34919
 Cadanza 9th 9-48528
 Joho 81-12732
 Copo 751/2-6514
 Rodrigo Manso 15th 375/2-4752
 Errol R. Morrison 120/4-16316
 Royal Manso 87th 87-57321
 Ted Manso 955/0-3764
 Cooper 123-15619
 Rancher 5-33199
 Manso Jr. 672/0-1173
 Hilary 861/2-6617
 Burke's Jacoto Hilar 19th 1/73-51336
 Ostrigo Manso 40-14739
 Dutch Hilar 87-22065
 Burke's Ostrigo Hilar 3rd - 135-22536
 Fryatt 966/3-15163
 Jack 86-34971
 Fryatt's Manso 526 526-72787
 Supimpa Manso 3-41523
 DC Rex Manso 1st 15-49235
 Manso Jr. 10th 358/2-4747
 Russell's Manso 1st 1-17881
 DR Compact Manso Jr. 637 637-35671
 DR Prince Compact 645-35672
 Silurio 948/3 948/3-15144
 Circle Square Quince's M. 832 832-41690
 Manso Jr.
 Manso Jr. 19th 378/3-10578
 Acork 147/4-18014
 Manso Grande 1/4-15197
 Figure 4 No. 24-24095
 Vivace 841/2-6596
 Irving 69-18497
 Phleugar 364/2-5656
 Phleugar E 698 698-34588
 Phleugar 94th 720-30336
 Murphy's Phleugar 5th 20-69855
 Alaya Manso 805/1-3527
 Alaya 672 672/3-12456
 Prince Dallmar 68-41332
 Armand de Manso 424/4-18289
 JDH Armand Resoto Manso 432/6-70924
 Alaya Manso Jr. 148 148/4-4-18015
 Alaya Emperor 190/0-2687
 Hobby Manso 8th 103-11916
 Manimoso Manso 742/2-6505
 JDH Pickson de Manso 802/5-49578
 Manimoso Manso 841 841/4-23067
 Bill Manso 546/4-22813
 Gamaliel Manso 967/3 15164
 Enoch 815/3-15011
 Bobby Enoch 1-24927
 Josephus Manso 771/1-2679
 Josephus Manso 592 592/4-22809
 Impeto Manso 574/2-6517
 Roland I Manso 564/4-22809
 Vulgar Manso 980/0-2693
 Vulgar Manso 20th 608/2-4940
 Varner 64/4-12560
 Duke Manso 717/0-2689
 Duke Manso 8th 518/2-4890
 Duke Manso 11th 609/2-4933
 Cadanza Manso 748/2-6511
 Ashbel Manso 849/2-6605
 Ashbel Manso 606 606/4 22823
 OKaloo Manso 361/2-5653
 JDH OKaloo Cardo Manso 601/6-70192
 JDH OKaloo Manso 315 315/5-36151
 Supimpa Manso 711/0-2688
 Supimpa Manso B 591/2-4923
 Laysto 72-6195
 Manso Return 1st 807/1-3529
 Premium Manso 921/3-15117
 JDH Premium Manso 164/5 164/5-36003
 Bano Manso 540/1-2678
 Decapolis B Manso 869/3-15065
 Charlett Decapolis Manso 319-67985
 Bano Manso of LSU 7 176-42953
 Jeremiah Manso 299/1-2682
 Clebit 49-19280
 Clarice's Manso 973/0-4010
 Mario 11-6908
 Selim Manso 676/0-2680
 Selgar 308/2-4301
 Selim Manso 1st 789/1-3514
 Mandael 482/3-4513
 Lexpride 75-23748
 Guido Manso 969/0-4169
 Guido 162-5982
 Geshem 491/3-12088
 Tango Manso 546/1 4519
 Tango Manso 7th 311/3 10511
 Delaco Manso 360/2-5652
 Delaco Pat 170-15654
 King Manso 441/1-2674
 George Manso 53-25893
 DC Prince Manso 142-71845
 Sir Manso 301/1-2683
 Barzee's Perfecto 53-14397
 Sir Manso 9th 7516-2045
 Leon 35-10289
 Cavito 54-12979
 Count Manso 372/1-2700
 Supercount #2 2-7246
 Don Manso 471/1-2696
 Santiago 1-17640
 Amorium Manso
 Lucorn 704/3-12477
 Mansolo 802/1-12942

BARAO

Bartula 344/1-4495
 Jack 1-19285
 Bartula Alfonso 3rd 25-16441
 Lord Manso 710/0-2687
 Billy Merritt 323-8014
 Count Manso 372/0-2700
 Herder 1-8692
 Supercount 2-7246
 Manso Bill 455/1-2676
 Dutchess Manso Model 30-10096
 Manso Model Jr. 3rd 3-18994
 Motorman 212-13466
 Sultan Manso 989/1-3706
 Sultan Manso of LSU 4 141-24751

QUINCA LINE

QUINCA 1-49

Quince's F. B. 972-5976
 Quince the Great 502-4139
 Deep Sen 20-11243
 Optimus AA/95-13240
 Quin Dan 125-23123
 Perfecto AA/23-11245
 Main Sails AA/27-11246
 Dip 920-7745
 Quince's Return AA/666-62935
 Quince's Immense AA/70-13215
 Quince's Spiro 6/33-8518
 Quintin 128-23129
 Highlander AA/6-10889
 Britannicus 190-27722
 Bettermore 106-13247
 King Kalu 46-22681
 King Quince 170-19038
 Major Jaco 5/0-34178
 Preciosa 4th AA/79-13225
 Duke 668 668-62569
 Grandee AA/9-11235
 Dickey 41942

HEROIE LINE

HEROIE 2-284

Heroie Jr. 37-464
 Heroie Jr. 9th 146/2-3835
 Horozonto 10-465
 Horozonto Jr. 670/0-2686
 Amozonto 816/0-2920
 Amozonto 2nd 143-32296
 Sir Horozonto 5th 215/0-1863
 Sir Horozonto 51st 249/1-2247
 Nebo 217/1-7392
 Heroie 317th 317-4476
 Heroie 560th 560-14314
 Heroie 4th 70-23744
 Sir Basil 325-1471
 Clyde 382-3131
 Tex Ritter 437-4314
 Ritter's 653rd 653-11172
 Granger 378-3129
 Mogul 505-461
 Molusk 515/1-2458
 Duke Seidel 3rd 145-11139
 Rooshie 445-20056
 Delano Mogul 668/0-2905
 Lacargas 504-653
 Curgalim 312/1-2770
 Red Roe 225-2855
 Josiah 503-662
 Jeremiah 22-1160
 Nelson 6-1450
 Heroto 202-1142
 Jacob's Heroie 217-1803
 Heroie III 229-3085
 Red Fred 827-7732

MARTIN LINE

MARIFIM

Martin H2-231
 Blutin 206-2572
 Blutus 983-8693
 Dumpy 942-7757
 Mister Dip 426-27018
 Turquoise of India 0/19-8552
 Blutinismo 0/9-5549
 Home Folks 957-7764
 Country Boy 947-7769
 Battler 20/0-1018
 Tom Shaw -6-2558
 Martin 22nd 922-1457
 Corona 644-840
 Corona 44th 552/2-4862
 Sosto 829/2-6578
 Martin Jr. 2/0-659
 Rexmar 945-7786
 Chester the Great 80-20857
 San Martin Jr. 1-2341
 Victor 291-2854
 Major Griggs 750-4160
 Vickie 13-13256
 Major Dutch 3-11270
 Victor 208th 208-11485
 Diamond 212th 212-19883
 Alfonso 875-1266

MARIFIM

Alfonso 47th 572/2-4909
 Our King 670-6306
 Royal 169-17023
 Governor 205-1017
 Goldman's Martin 181-5460
 Martinus H17-663

OTHER MALE LINES OF DESCENT

LACK

Estrella H 13-243
 Estrella Jr. 184-585
 Sir Estrella 63rd 291/1-1795
 Estrella 7th 228-327
 Fred 37th 37-5849
 Extremcy 803-6912
 Estrella Jr. 3rd 854-657
 Moto Estrella 318/1-2279
 Moto Estrella 569 569/3-12359

OCEANO

Himalaya H9-238
 Himalaya Jr. 343/0-3264
 Paul 84-12957
 D'Fay's Paul 30/1-70330
 Sir Himalaya 28th 16/1-1308

DICK

Red Dick 314-2574
 Wade's Butler 118-8542
 Rajah Mack 64-13052

*HOPKINS

Sir Hopkins Jr. 168-3138
 Sir Appeal 19th 171/2-3860
 Sir Appeal 20th 96/2-3994
 Salvador 1-13202
 Hopkins 21st 621-1456
 Captain 1-3204
 Appling 86-1463
 Colonel 204-1016
 Old Harvey 3084
 Roy 134-1802

*SIR PATRICK 2-1468

Aikley 590-5520
 Aikley 8th 195-22508
 Prince Progress 133-12177
 Claude 33-15874
 Sammy 7-16663
 Jesse Jones 431-4321

SOBERANO

*Supimpa H3-232
 Supimpa Jr. 877-841
 Sam Houston 10-3213
 William the Traveler 26-6318
 Joseph Stalin 1st 18-17892
 Sir Supimpa 4th 738-730
 Sir Ichabod 1st 201-6093
 Edgar 461/1-3939

THEZUARO

*Vulgar H1-230
 Joel Vulgar 1-1253
 Joel Vulgar Jr. 39th 39-8522
 Sir Joel Vulgar 11th 16-2539
 Myatt V-2709

VIZUVIO

Santinho 2-43
 Santos Jr. 20-4392
 San Leo 19-4393
 Flavius 35-463
 Borges 308-5250

AMORIOM 1-44

Cholosky 231-589
 Melton 36-311
 Sir Amorium 10th 185-820
 Cuba Libre 2-4387
 Levi 225-587

COLIATH - 45

*KING H3-1421
 Bill 198-5440
 Joy Boy 109-22441
 Laughing Boy 2/9-49252

*DAN 602-413

Blue Boy 25-4445
 Cecil Dan 8-8448
 Ka Mo Liberator 4-14425
 Rex 303-1865
 Rex 13th (Jim) 199-4107
 Dick R4-1422
 Sir C 422nd -18546
 Dock 1-1419
 Dock 143rd

*COLONEL 640-100

Diamond 130th 130-18713
 Mr. Johnnie 37-23215
 Diamond Joe D. 23-3222
 *MARENGO A1-639
 Jules Jr. 173-6664
 Marengo Jr. A2-2882
 Elwood 59-4423

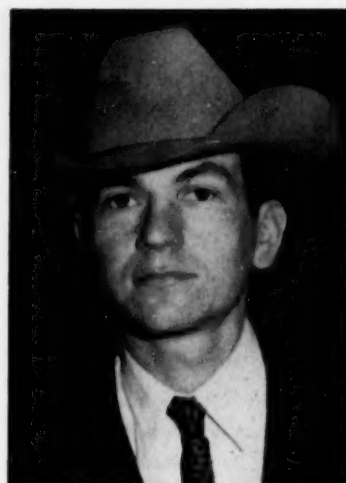
American Brahman Transfers Into Countries Outside United States

IN recent years breeders of Brahman cattle in the United States have enjoyed a healthy market for their cattle in foreign countries where purchases are being made to build up and improve native cattle. Many breeders of Brahman cattle have been selling cattle to foreign buyers prior to 1952, but the largest numbers have been exported since

that time.

The table below lists the countries that have purchased purebred Brahmans, registered in and transferred by the American Brahman Breeders Association. The table lists the total number exported to each country each year, with the last column giving the number exported in 1957, up to April 15.

Country	1952	1953	1954	1955	1956	To April 15 1957
Argentina	—	16	34	12	—	2
Australia	4	1	12	—	—	—
Canada	21	1	3	8	6	1
Chile	—	—	—	—	—	1
Colombia	135	337	1574	1995	345	2
Costa Rica	215	45	66	208	130	3
Cuba	19	68	98	92	514	139
Dominican Republic	19	310	15	134	72	46
Dutch Guiana	37	21	—	—	—	—
Ecuador	3	25	19	—	10	—
French Equat. Africa	10	—	16	16	9	—
Guadeloupe	—	15	—	—	—	—
Guatemala	1	3	71	35	155	16
Haiti	—	—	4	—	—	—
Honduras	59	1	28	2	—	2
Israel	—	—	10	15	15	—
Jamaica	3	12	—	—	—	18
Liberia (Africa)	2	—	—	—	3	—
Madagascar	—	—	—	26	51	—
Martinique (F.W.I.)	—	—	—	3	26	24
Mexico	43	68	71	52	219	458
New Guinea	—	—	6	—	—	—
Nicaragua	—	33	16	74	68	—
Panama	34	74	26	51	45	2
Peru	—	—	7	—	12	—
Philippine Islands	5	40	—	64	—	—
Portuguese E. Africa	—	—	—	3	—	—
Puerto Rico	33	10	6	38	58	99
Salvador	—	—	21	16	23	6
South Africa (Union)	—	—	1	4	33	3
South West Africa	—	3	25	7	3	43
Southern Rhodesia	—	—	—	39	—	6
Thailand	—	—	74	—	—	—
Venezuela	251	503	1278	1800	1098	133
TOTAL	894	1586	3481	4694	2895	1004



Tom Spencer

Tom Spencer, 27, of Leavenworth, Kan., has become a field representative for the Kansas City Stockyard Co. He has been assigned to the southwest territory. Spencer joined the Stockard Co., last Dec. 1 and since that time has been studying operations and performing operational duties at Morris Feed Yards. He brings ranching experience to his present position, as well as experience in the commission business and as a brand inspector for the Texas and Southwestern Cattle Raisers Ass'n.

ONE BRAHMAN TODAY

INSURES A BEEF BREEDER'S FUTURE!

Brahman cattle bring prosperity with them. They gain fast; their dressing percentage is high; they thrive under difficult range conditions; they resist heat, disease and pests.

AMERICAN BRAHMANS—THE REAL LEADERS OF THE "RED MEAT" INDUSTRY

Write for FREE information.



AMERICAN BRAHMAN BREEDERS ASSOCIATION

4815 GULF FREEWAY • HOUSTON 23, TEXAS



THE AMERICAN BRAHMAN

Truly
"a Beef Improver"

Market More Beef With Precision Breeding

**Mate your cows to American Brahman Bulls for
 true hybrid vigor resulting in . . .**

- ★ Greater Fertility
- ★ Hybrid-Driven Hardiness
- ★ Increased Milking Ability
- ★ Longer Productive Life
- ★ Rapid Growth
- ★ Earlier Marketing
- ★ Higher Dressing Percentage
- ★ Less Waste on the Butcher's Block



Typical Top Quality American Brahman Bull

If you are interested in producing bigger and better calves from your commercial herd or want to buy the best foundation stock for your own registered herd, contact any of the breeders listed below.

BURKE BROS. "Better Beef-Bred Brahman" Box 276 CORSICANA, TEXAS	FLATO BROTHERS Registered Brahman P. O. Box 1201 Corpus Christi, Texas Ranch at Banquete, Texas	A. P. BEUTEL & S. I. STRATTON Registered Brahman Ph. 72657 Box 552 Lake Jackson, Texas	J. CARTER THOMAS Manso Beef-Type CUERO, TEXAS
J. T. GARRETT RANCH 40 mi. south of Houston on highway 35 DANBURY, TEXAS	PARET RANCH G. L. Paret, P. O. Box 531 LAKE CHARLES, LOUISIANA RANCH, RAGLEY, LOUISIANA	W. W. MOORE H Cross Ranch 100% Full-Blood Red Brahman (also purebreds) Box 97 HOUSTON, TEXAS	PLANTATION RANCH Bill Daniel, Owner Registered Red & Gray Brahman LIBERTY, TEXAS
KOONTZ RANCH Guzerat Beef-Type Brahman INEZ, TEXAS	C. K. BOYT Devera, Texas Breeder of Registered Brahman and Crossbred Cattle	V 8 RANCH P. O. Box 788 Howard C. Parker, Mgr. CENTER, TEXAS	Registered Red Brahman CHEROKEE RANCH C. E. YOAKAM, Owner P. O. Box 152, San Saba, Texas
BAR-M BRAHMAN RANCH W. E. McLean CROCKETT, TEXAS	MILBY BUTLER Red Brahman LEAGUE CITY, TEXAS	WILBOURN S. GIBBS Double U S Ranch, Box 472 HUNTSVILLE, TEXAS	BLACK RANCH Manso Beef-Type Brahman WEST COLUMBIA, TEXAS
BARTON BRAHMAN RANCH Faires Barton BERTRAM, TEXAS	CARPENTER RANCHES Southland Life Bldg. DALLAS, TEXAS	RUNNELLS-PIERCE RANCH Sam Cuthbert, Gen. Mgr. Fullblood Brahman since 1906 Red and Grey WHARTON, TEXAS	AUDREY JONES BECK Jones Ranch 100% Full-Blood Brahman Only P. O. Box 97 HOUSTON, TEXAS
★	J. T. WHITE HEARNZ, TEXAS	CHEROKEE RANCH Tom L. Mills, Jr., Owner Beef-type Brahman and Quarter Horses RT. 2, JACKSON, LA.	★

Cowboy Collinson

(Continued from Page 32)

Committee of Fort Griffin was composed of respectable citizens who had banded together to put a stop to horse and cattle theft. In other words, those men took the law into their own hands. Hangings were an every day occurrence. Out on the buffalo range we were constantly hearing that someone had been found hanging to a tree along the Clear Fork.

Hurricane Bill told me that the sheriff of Shackelford county and his deputy, John Selman, had been charged with rustling. The former had been arrested at his ranch home and thrown into the Albany jail but Selman had escaped. Early that morning the Vigilance Committee had come to the jail and a relative had given the sheriff a mercy shot close to the head. Hurricane Bill saw it all and thought his time was next, but instead he was freed after promising to leave the country. This he did, and had raced his horse all the way to my line camp on Tongue River where I was then ranching.

The Vigilance Committee never did catch Selman who made his escape and lived under the assumed name of John Titus for many years. He was finally arrested and taken back to Albany for trial but his case was thrown out of court for lack of evidence. Times had changed and Governor Roberts insisted that the law take its course in all trials. The Vigilance Committee had had its day.

Selman later lived in El Paso for many years under his real name, worked in the

Wigwam Saloon and Gambling House as general lookout and bouncer and was later elected constable. I knew him well, often had a friendly drink with him. He got it in the end. He made history in El Paso by killing John Wesley Hardin, the famous outlaw, and was later killed by George Scarborough, an ex-sheriff of Haskell county and a tough hombre. Scarborough was killed a few years later in New Mexico—so they all got what was their due, those Texas triggermen.

Looking For Horse Thief

One time the Vigilance Committee came to our buffalo camp on Stinking Creek, a tributary of the Salt Fork of the Brazos. There were about twenty-five of them in the posse besides a bunch of Tonkawa Indians led by Chief Johnson, a big fat Indian. They were hunting Joe Watson and two other men, wanted for horse theft. Watson was suspected of hiding on the buffalo range. The next day they came back with their men, and also a buffalo hunter named George Causey, whom I have told you about before. Causey had put Watson up for the night, and it was a good thing that my partner, Jim White, could identify him or the committee would have strung him up along with Watson. As it was, he was freed and no harm came to him, but it was a close call! Chief Johnson told me later that the Vigilance Committee hadn't thought it worth while to take their prisoners all the way back to Fort Griffin. "Maybe so white man cut 'em so", he said, drawing his thumb across his

throat. Several years later skeletons were found in that area and the dried skin across the throat had been slashed.

There were about two hundred and fifty Tonkawa Indians living along the Clear Fork of the Brazos south of the town of Fort Griffin when I first went there. Some of them served as scouts for the government and were given American names when they enlisted. This explains why their chief was called Johnson. I always believed the Tonkawas were cannibalistic and I'll tell you why. In the early seventies General MacKenzie was following a war party of Comanches that had been seen to the east of Fort Griffin. He camped on Elm Creek and left his wagons there while he and his troops followed the Indians across Double Mountain Fork of the Brazos and had a running fight with them until night. Then the soldiers turned back to camp. Not far from Elm Creek they saw the light from a camp fire. General MacKenzie called Champ Means, a scout, and ordered him and two other men to investigate the fire. There they found old Campo, the Tonk, broiling slices from a dead Comanche over the fire for himself and two squaws. When Means reported what they had seen, General MacKenzie found it incredible. He arrested the Indians and had them put in the guard house at Fort Griffin. After a few days he freed them, warning them not to eat any more of their enemies.

In June 1876 the entire Tonkawa tribe left the valley and moved to the hills south of the fort. When asked why they



Kubela's Red Pride



"EVERYWHERE . . .

THE TREND IS TOWARD
RED BRAHMAN'S"

Shown at left is our excellent Red Brahman Herd Sire, KUBELA'S RED PRIDE, and his progeny which won first place Get-of-Sire in the PAZA Brahman Show at the 1957 San Antonio Livestock Exposition in February.

JK

At present we have some very excellent calves by this top Herd Sire at the Seguin, Texas, Ranch . . . just 27 miles east of San Antonio.

Route 1, Palacios, Texas
Phone 7146

Stanley Kubela

Route 4, Seguin, Texas
Phone FR 9-2593



MORE BEEF WITH INDU-BRAZILIAN ZEBU BULLS

born of the orient . . . bred to American perfection

Whether you are cross-breeding for maximum beef yield or striving to improve domestically-produced ZEBU or BRAHMAN cattle, PAZA sires are unexcelled. Indu-Brazil Herd Registry represents the only source of new and improved ZEBU blood into the United States during the past 30 years.

ZEBU CATTLE ARE BRED FOR THE FOLLOWING CHARACTERISTICS



- ★ **GROWTH AND VIGOR**—Remarkable factors of growth and vigor have long been associated with true Zebu type, and the related weight-for-age factors of the Indu-Brazil are phenomenal when compared to other beef breeds.
- ★ **PURITY OF BLOOD**—Newly imported pureblood carried by Zebu cattle assures continued improvement and better genetic fixation.
- ★ **FRAME AND SCALE**—Zebus are noted for their high dressing percentages. Offspring of first crosses generally carry 100-150 pounds more weight at weaning time.

Contact any of the breeders listed below for information about purchasing ZEBU cattle

STERLING RANCH
J. B. Sterling, Box 668
Dayton, Texas

YTURRIA RANCH
Fausto Yturria
Brownsville, Texas

J. W. & ROY MARTIN
Cotulla, Texas

ROBERT COQUAT
Encinal, Texas

BURGESS FARMS
Monticello, Ill.

E. A. MONTALVO
San Marcos Ranch
Santa Elena, Texas

C. E. YOAKAM
Cherokee Ranch
San Saba, Texas

CORNELIUS CATTLE CO.
Markham, Texas

M. M. DAVIS
Bar X Ranch
Charlotte, Texas

HENDERSON COQUAT
San Antonio, Texas
(Ranches at Three Rivers and Encinal, Texas)

OTIS COX
Artesia Wells, Texas
Ranch Phone 6-2126. Res. Phone 276J, Cotulla, Texas

TACUBAYA RANCH
Garcia Bros.
Encino, Texas

WILLIAM STATES JACOBS
1602 Sterling Bldg.
Houston, Texas

STANLEY KUBELA
Route 1, Palacios, Texas — Route 4, Seguin, Texas



FRANK LEWIS
Box 1486, Bay City, Texas



INJECT GREATER PROFITS INTO YOUR BEEF CATTLE HERD WITH INDU-BRAZIL BULLS

PERFORMANCE-TESTED BRAHMANS

We are keeping official performance records on our registered Brahman and Crossbred cattle—particularly as to weaning weights, rate-of-gain, yearling weights, calving statistics, health and condition.

These data, coupled with conformation, grade and pedigree, guide our selection of breeding stock.



Call, Write or Come See Us

PADDOCK RANCH COMPANY

945 Esperson Bldg.
CA 2-2812

HOUSTON, TEXAS

Stuart Sherar
President

ANNOUNCING...CROSS BRED STOCKER AND FEEDER SALE



UNION STOCKYARDS
2,500 CROSSBREDS!

June
27th

SAN ANTONIO
TEXAS

From South & Southwest Texas' leading cross-breed establishments. All the most popular Brahman crosses will be represented (Brahford, Brangus, Charbray, etc.)

Similar Sales Scheduled for
August 15 & September 26

Sponsored By:

Pan American Zebu Ass'n
818 Gunter Bldg., San Antonio 5, Texas

Organization of Cattlemen
Write for further information



in the Interest of Cattlemen
470 East Weatherford, Fort Worth

had moved they replied, "Heap big water comes". In a week's time the flood came, the worst Fort Griffin had ever experienced. Several people were drowned, stores were flooded and the population moved up the hill near the fort. No one could explain why the Indians had known. It was instinct—the same thing that made the then numerous prairie dogs build up the mounds around their holes before a big rain.

An eye witness told me about one of the drownings in that big flood. In front of Hunter's Home Saloon and Dance Hall there was a big liveoak tree. The dance girls liked to climb into this tree and sit on the spreading limbs. This saloon was flooded in the high water and the girls climbed into the tree for safety. One of them had her three-year-old son with her and he fell from a limb into the rushing waters. "Jump down Nell or your kid will drown", screamed one of the girls.

"Nell replied, "Not me, Nothing doing. If I want another kid I can manage it. But I am not going into that water".

Many of those old Tonkawa Indians died from smallpox in 1882, and the remainder were moved to Anadarko, Okla., in 1883, where descendants live today.

One bad man was buried in a goods box back of a dance hall in Fort Griffin during those days. He was drunk and bragged what he would do if "the so and so sheriff tried to arrest him". Naturally the officers heard this talk. To make the story short, the bad man started up the street and met the officer who shouted "Stick 'em up!" It was too late when the bad man reached for his gun because the sheriff had already pulled his trigger. Digging the grave and burying the would-be bad man took less than an hour.

I heard a strange story around Fort Griffin about a man named James A. Brock. He had come to Griffin from Ohio and worked in the sutler's store run by Frank Conrad. He was a reticent and retiring type of man and did not make friends readily. He seemed out of place on the frontier and when he was accused of committing foul play most of the people believed him guilty. Brock had accumulated a small herd of cattle on the side by buying "drags" (calves and cattle too weak to keep up with the herd) cheap from the herdsmen as they trailed cattle through Fort Griffin. His place was on Foyle Creek and since he worked in the store he had written his cousins, Ed and Frank Woosley back in Ohio, to come to Texas and help him look after the ranch. When they arrived he turned things over to them.

In the spring of 1877 Frank Woosley mysteriously disappeared from Fort Griffin. The rumor got around that Brock had killed him, and he was arrested and put in jail, charged with murder. The only thing that saved the Vigilance Committee from hanging him one night was the swollen fork of Foyle Creek between Fort Griffin and Albany. When they got to the creek it was too high to cross and they knew it would not run down before morning. A majority decided to turn back, not being fully convinced that Brock was guilty, and the rest of the party followed.

There was not enough evidence to convict Brock at his trial and he was freed by the court. In the meantime Ed Woosley got some money together and bought out Brock's interest in the ranch. With that money Brock set out to find Frank Woosley. He came to my camp on Duck Creek in Dickens County and learned that his cousin had been there after leaving Griffin. This was proof that Frank was alive, somewhere. So Brock began hunting for him. He went from state to state, into Canada and Mexico, spending every penny he had. Then he would work and save and continue the search. It had become an obsession. After thirteen years had passed, a man wrote him from Bald Knob, Arkansas, telling him that he thought he had located his man. Brock went to Arkansas, and looked up the suspect, but he was not Frank Woosley. Filled with disappointment he went to the railroad station to buy his return fare home. There, face to face, he ran into Woosley. Brock put his gun to Woosley's ribs and told him he would die if he moved. He told his story to the police and Woosley finally agreed to return with him to Ohio where he was identified by his family.

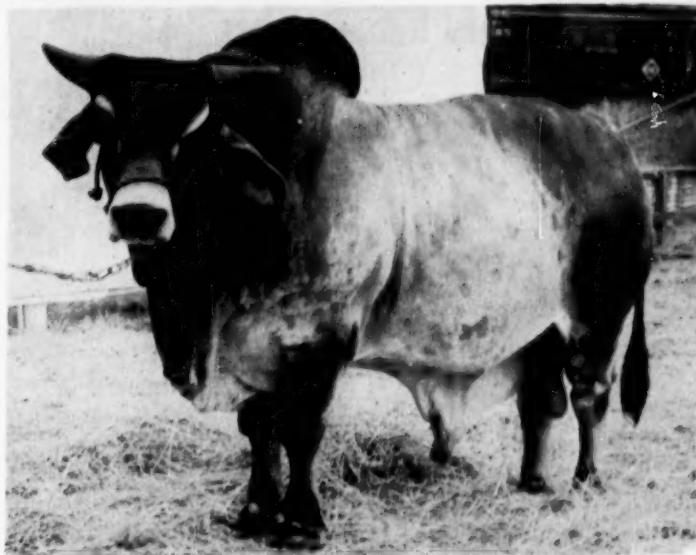
I personally knew Brock and asked him why he hadn't killed Woosley on the spot when he found him. He told me that he wanted everyone to see Frank alive and to know that he, Brock, was innocent of murder. Many of those old Vigilance Committee men were still living when Brock proved his innocence and were thankful they had not killed an innocent man back in 1877.

The Woosley brothers had planned the entire business, hoping to get Brock's ranch. After Frank disappeared Ed Woosley had circulated the rumor that Brock had killed him. Brock later settled in El Paso and he and John Selman often met and talked about "how near they both had come to being lynched by the Fort Griffin stranglers".

Watched Gamblers Shoot It Out

Lottie Deno "the poker queen" was a famous character around Fort Griffin during her heyday. I saw her occasionally around the gambling tables with Monte Bill, Smoky Joe and other gamblers. One story goes that she once watched the latter two shoot it out over a poker game

REGISTERED RED BRAHMAN



CHEROKEE KING 95 (Born May 12, 1953)

WHOSE PEDIGREE CONSISTS OF FOUR GREAT HERD Sires
PREDOMINANTLY GYR ESTRELLA - GAUCHO - RIO NEGRO -
RIO RED KING 144

JOINS OTHER SONS OF RIO RED KING 144 AS A HERD SIRE



Two full brothers and one full sister have shared honors with Cherokee King 95 in our show string. Approximately 300 mother cows now comprise our herd.

For Sale Now—Yearling Bulls and Heifers

CHEROKEE RANCH

SAN SABA, TEXAS

C. E. YOAKAM: Owner

TED HARMAN: Manager

Phone 73383 - P. O. Box 152 - Cherokee, Texas

Ranch located at Cherokee, Texas, 125 miles north of San Antonio, Texas

BULLS - READY FOR SERVICE - TOP QUALITY

We can offer you the Best in Indu-Brazil or Pure Guzerat

HEIFERS - YEARLINGS - TWO'S - THREE'S

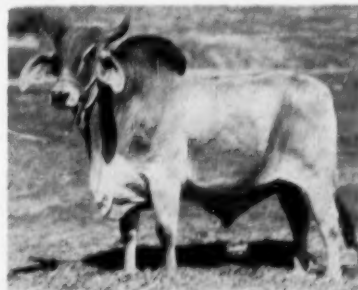
1957 San Antonio Show—Grand Champion Bull, Grand Champion Female

Come See Us

WEBB'S BRAHMAN RANCH

Use AA Bulls • Phone LI 3-2143

EL CAMPO,
D. S. R.
TEXAS



BRILHANTIP

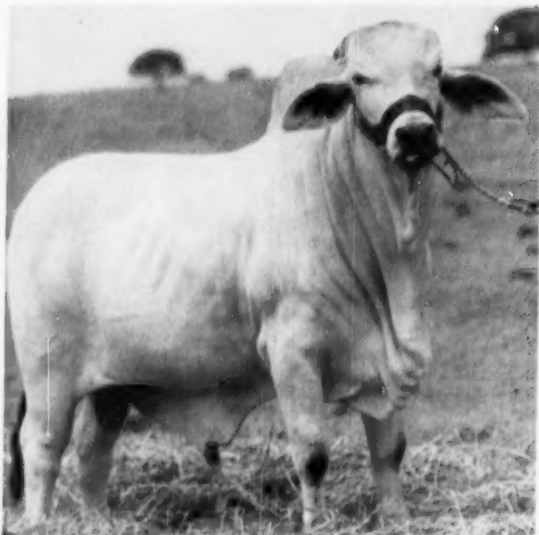
Our Grand Champion PAZA Bull

*Now in Colombia
Siring Wonderful Calves*

spotlight on ...

C-E KOONTZ RANCH

BRAHMAN



YOU ARE INVITED

We cordially invite you to visit the ranch and see our offering of registered and hybrid cattle. If you prefer, write us your needs, in either purebred breeding stock or stocker and feeder hybrid cattle, and we will be happy to give you pictures, prices and pedigrees.

THE GREATEST BLOODLINES

The names of the greatest bloodlines in the Brahman breed appear consistently in the pedigrees of Koontz Ranch cattle. Selected through the years for uniformity, straight backs, large bones, and easy fleshing qualities, the universally accepted "breed character" cattle raised at Koontz Ranch have pleased customers from throughout the United States, Venezuela, Cuba, Colombia, Puerto Rico, Ecuador, Costa Rica, Panama, South Africa, Mexico, Guatemala, Dominican Republic, British West Indies, and Peru.

KOONTZ RANCH

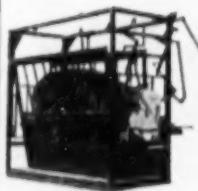
ROBERT L. MASSEY, Owner
INEZ (Victoria Co.) TEXAS

M. F. MASHBURN, HERDSMAN

P. O. BOX 135

LOOK!

CATTLE CHUTE



- The Chute with a Side Exit
- Left or Right Side Brand
- Automatic Head Adjuster
- Ideal for Brahmas
- Also Calf Cradles, Corals, Feeder Bunks, and Stock Backs for Pickups

Dealers Wanted
Distributor - W. G. ESTES
Arlene, Texas
W. W. CATTLE CHUTE COMPANY
Dodge City, Kansas

The World's Finest Cattle Handling Equipment

Start a Business for Yourself, These Manuscripts Tell How.

Sewing Machine Profits	\$2.00
Typewriter Profits	\$2.00
Postcard Profits	\$2.00
Camera Profits	\$2.00
Bonanza of Information	\$2.00
100 Easy to Prepare Formulas	\$2.00
Mail Order Gems	\$2.00
Mail Order Mfg. Guide	\$2.00
How to Compile and Sell Name Lists	\$2.00
How to Start a Correspondence Club	\$2.00
Mail Order Business Plans Directory	\$2.00
Directory of Wholesale Book Sources	\$2.00
Supplies Sources	\$2.00

Save \$11.00—All 13 Manuscripts for
Only \$15.00. Order Today!

Ewell E. Farley, Harlan, Ky.

from an advantageous corner spot. When the sheriff came in and saw the two men stretched out on the floor and the crowd gone, he found Lottie in the corner. "Why didn't you clear out like the rest?" he asked. "I was safe in the corner," she replied. When he told her to get going she agreed, saying, "I'm so sleepy." As she left the gambling hall she carried hidden in her clothes her own large winnings of the evening and the pot of more than one thousand dollars that had caused the shooting between Monte Bill and Smoky Joe.

When Lottie heard that Johnnie Golden, a handsome gambling man had been shot through the heart, she wept hysterically and could not be consoled. She packed up her personal belongings and left Fort Griffin forever. She wrote a note and pinned it to the bedspread before leaving. It said, "Sell this outfit and give the money to someone in need of assistance." Rumors later floated back that Lottie had gone to Silver City, New Mexico, and had married a gambler. During a big revival, both had joined the church and from that time forward, "walked uprightly before all men".

Smoky Scalps An Indian

Smoky Thompson, was a well known buffalo hunter whom I knew well and admired. He got his nickname as well as many buffalo on the Smoky Hill River in western Kansas. He had followed the big shaggies to Texas and had a camp on "The Narrows", a ridge between the Wichita and Pease Rivers. My partner and I, and other hunters had nearby camps. Roving bands of Indians were committing depredations daily and we all camped near each other for protection.

One morning Smoky was skinning wolves that he had caught in his traps when he heard horses and saw seven mounted Indians in the distance. They whirled out of range when he shot at them. He started for camp on foot, followed by the Indians but everytime they got too close he pointed his gun at them. They had no guns, but shot at him with bows and arrows. Then an Indian, riding a beautiful blue roan horse, evidently the leader of the band, dashed boldly close to Smoky and gave him the chance he had been waiting for. Smoky shot the red skin who fell from the horse. The big animal stopped in its tracks, and Smoky ran up and caught him by the short rawhide rope dragging from its neck. Taking out his sharp skin knife Smoky cut off the Indian's scalp. Then sticking this trophy in his shirt he mounted the horse and raced toward camp. When the pursuing Indians got too close he turned and raised his gun and they would retreat, riding out of range. They knew he had a muzzle loader and hoped to get him when he stopped to reload. Smoky soon realized he had captured a wonderful horse as it carried him far in advance of his pursuers. The Indians chased him to the divide, but hastily retreated when seeing the buffalo camps.

The next summer Smoky and his partners went to Fort Griffin for supplies and Smoky rode the roan and tied him

in front of a saloon. A ranchman named Mark Hoover, who lived near Griffin soon walked in. "Which man rode the blue roan horse hitched outside?" he asked.

"I did", Smoky answered proudly.

"Well, he's my horse, a Comanche stole him and ten more head a year ago. How did you get hold of him?"

Smoky showed him the Indian scalp and told him his story.

"The horse is yours," Hoover said, "and you can have the other ten if you can bring me a similar bill of sale."

Old Smoky rode away from Griffin a few days later, right proud, carrying his scalp on the saddle horn like a badge of honor.

Steve Collins' Bravery Story

Steve Collins, the mail carrier from Fort Griffin to Jacksboro, wanted to be a hero worse than any man I ever heard about. He had long legs and a long tongue and often bragged what he would do if his light wagon and four horses should be attacked by the Indians or bandits. Late one evening in 1875 Collins pulled into Fort Griffin with only three horses and the mail hack was shot full of bullet holes. He told in glowing terms how he had been attacked at King's Creek in Young County by three robbers, how he had carried on a running gun battle with them for several miles. One of the horses had been shot in the fight.

Finally he had crawled from the stage and given such an exhibition of shooting that the robbers had pulled out. Then he had hitched up the three horses and come to Fort Griffin on the run. Citizens felt their brave stage driver should be acclaimed and the command at Fort Griffin sent guards with him on the next trip for protection. His bravery was reported to Washington, and it was suggested that he be honored with a medal. This medal was eventually presented along with much fanfare that Steve drank in with gusto.

A few weeks later Collins celebrated a little too much in a local saloon, and burst his own bubble. He admitted that he had shot the horse; and filled the stage full of bullets, because he wanted the folks to think he was a hero. He conscientiously sent the medal back to the fort commander and "pulled for the buffalo range".

The stories are endless about old Fort Griffin. All I have to do is light my pipe, put on my thinking cap, and entertain myself. Yet passing years have softened the harshness and reality of those long-ago-adventures, just as time has crumbled the walls of the once sturdy fort.

A California veterinarian developed signs of leptospirosis three weeks after treating a dog for this disease.

* * *

Semen obtained electrically from bulls is not injured by this method of collection. Sixty-eight per cent of nearly 3,000 cows were impregnated under similar conditions by semen collected normally, veterinary authorities report.

Anyone can afford the best salt...



MORTON Farm and Ranch STOCK SALT

Morton Farm and Ranch Stock Salt is a high purity salt screened to a crystal size convenient for free-choice feeding on the range, in the feedlot or barn. Crystals are heavy enough to prevent the salt from blowing away in high winds.

Remember, too, Morton Trace-Mineralized Salt is available in bags or blocks at your feed dealer's.

Morton Salt Company
Dallas 2, Texas

BRAHMAN

PURE STRAIN, BEEF-TYPE,
MANSO BRAHMANS

We are offering a fine selection of bulls of serviceable age and bull calves.

You are welcome to visit the ranch at any time. Located 10 miles northeast of West Columbia, Texas, on the Nash Road.

BLACK RANCH

Phone West Columbia 330M1

W. H. Black
Owner

Sullivan Calahan
Herdsman

CHAS. MOORHOUSE COM. CO. CATTLE ★ LAND ★ INSURANCE

STOCKER AND FEEDER CATTLE

Our Specialty

Munday, Texas
Phone 6811

Benjamin, Texas
Phone 2181

ABERDEEN-ANGUS JOURNAL

Official Publication for the American Angus Association. Published monthly.

25¢ for sample copy 3 Years for \$5.00
P. O. Box 238, Webster City, Iowa



G. L. PARET III inspecting Cattle

FOR SALE NOW - - -

**exceptional group of
YEARLING BULLS AND HEIFERS**

nothing over 15 months old available

**G. L. PARET
LOCK MOORE & COMPANY, LTD.**

LAKE CHARLES, LOUISIANA

P. O. BOX 531

Telephone HEmlock 3-0341

BRAHMANS FOR SALE

Offering: Two-Year-Old Bulls, Bull Yearlings & Bull Calves

Rich in Imported Blood Jacobs AA Breeding

**ALSO—Brahman-Angus Crossbred Bulls
One to Three Years Old**

Cornelius Cattle Co., Markham, Texas

W. D. Cornelius, Sr.
Phone Markham 2121
PAZA

Simon Cornelius
Phone Bay City 2861
ABBA

The Cattleman—Subscription rates: One year, \$2; three years, \$5;
five years, \$8; foreign, one year, \$4.



How Do You Judge These Brahman Cows?



Official Placings & Reasons

Brahman 3-year-old cows

A. M. Pearson, Animal Husbandry Dept.
Michigan State University

I placed this class of Brahman cows
2-3-1-4.

In placing No. 2 over 3, I realize that 3 is smoother at the hooks and carries her width more uniformly through the rump, but I am placing 2 at the top of the class because she is a larger, more rugged, heavier boned cow, showing more breediness. Two is deeper ribbed, and carries more depth into her rear flank. She is shorter backed and shows more bulge to her rear quarter as viewed from the side. She shows more breed character and femininity about the head, and stands on straighter heavier bone.

I am placing No. 3 over 1 although I grant 1 is a larger, more rugged, roomier middled cow, standing on more bone, but I am placing three up because she is a more compact, typier cow, following more closely the type of my top cow. She is a shorter backed cow with a stronger top, carrying out wider and leveler through the rump. Although I criticize 3 for being plain headed, I am placing her over 1 because of her type and compactness.

I am placing 1 over 4 because she is a larger, more rugged, heavier boned, typier cow. One is deeper and wider throughout, she is leveler at the rump and carries more thickness through her quarter. She is a thicker fleshed, smoother, higher quality cow with a stronger, breeder head.

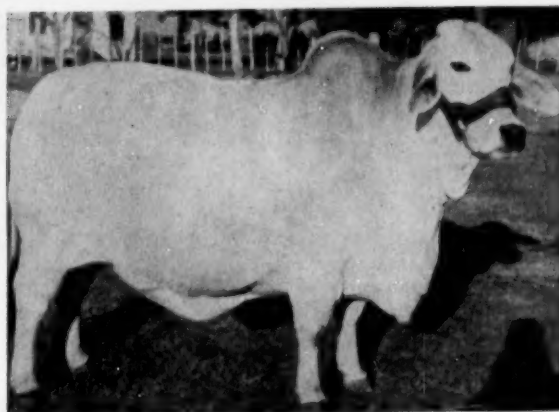
I am placing 4 last although she is a heavy boned, thick quartered cow. However, I am placing her last because she is the steepest rumped, poorest balanced cow in the close. She is out at her hooks, low at the pin bones and uneven in her lines.

Reprinted by permission from June 1956 issue of
County Agent & Vo-Ag Teacher.

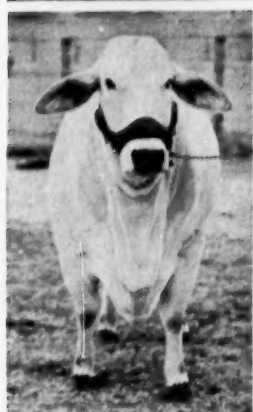
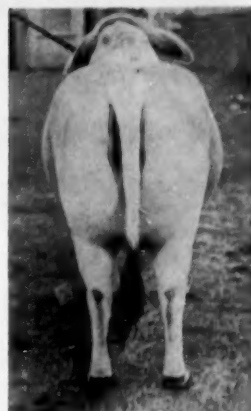
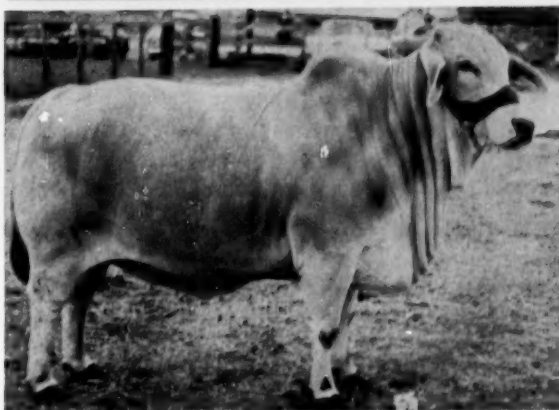




◀1▶



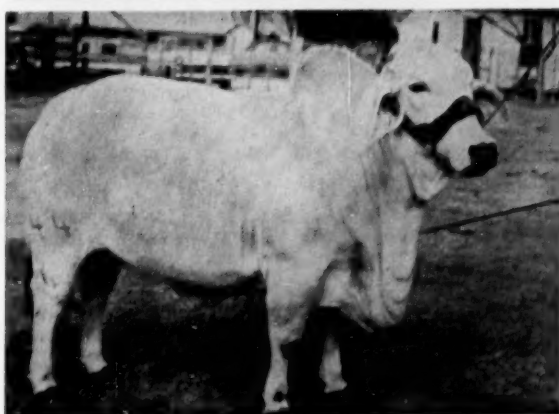
◀2▶



◀3▶



◀4▶



NOW! A FASTER *More Effective* SCREW WORM KILLER

Dr. Rogers'

BIG RED SCREW WORM KILLER KILLS ALL SCREW WORMS

CATTLEMEN are enthusiastic about DR. ROGERS BIG RED because:

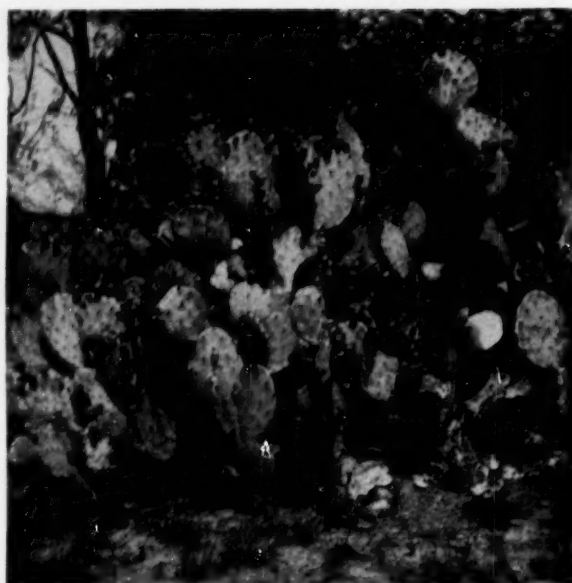
- ★ POSITIVE ACTION
- ★ KILLS WORMS INSTANTLY
- ★ PENETRATES INTO POCKET AND CREVICES OF WOUND
- ★ FORMS PROTECTIVE FILM
- ★ KEEPS FLIES OFF LONGER
- ★ ONLY SCREW WORM KILLER CONTAINING EFFECTIVE GERMICIDE
- ★ RED LIQUID—EASY TO APPLY—FAST KILLER



LOOK FOR BIG RED
SILHOUETTE ON
THE LABEL

TEXAS PHENOTHIAZINE CO.
Box 4186 • Fort Worth, Texas

Many South Texas ranchers swear by prickly pear as a friend in time of drouth.



Why South Texas Ranchers Feed Prickly Pear

Compares Favorably with Other Feeds in Digestible Protein.
Exceeds Many in Productive Energy and Carotene
Content and is Much Cheaper in Price

By G. W. BROWN, Jim Hogg County Agricultural Agent

WHEN Uncle Sam went south of the border to help Mexico control foot and mouth disease, he ran smack into a lot of trouble when he started killing oxen and replacing them with mule teams. It wasn't due to the fact that the natives objected to the ornery disposition and general cussedness of braying hybrids, but it was due to the feeding problem involved. The mule needed grain or fodder, and a large quantity of water each day, or he would quit pulling. The ox, on the other hand, could be hitched to a bunch of prickly pear at the end of the day, and by next morning he was fed and watered, rested and ready to go. Prickly pear contains sixty-eight percent water, so if the ox took on a hundred pounds of cactus, he had had sixty-eight pounds or eight and one half gallons of water.

There is a fable about a man who

traveled all over the world hunting diamonds, and came home sick and worn out and flat broke. While piddling around in his back yard, he found a strange looking rock that turned out to be a very large and valuable diamond, but he was too old and sick from his travels and hardships to enjoy his find, which had been there in his own back yard all of the time. It might be that many livestock men pay for high priced feed brought in from afar, when they have a pretty good feed right in their pastures in the form of prickly pear.

Many well informed and educated people consider prickly pear as a pest, and believe that ranchers would be better off without it, and that were it not for the pear, there would be plenty of grass. This might be true, but the fact remains that there are hundreds of thousands of acres in South Texas that

	Approx. one day's cow feed (Large)	Amount of Productive digestible energy in protein	therms	Carotene content in parts per million	Approx. cost per day	Approx. cost per 30 days	Approx. cost per ton
100 lbs. of green cactus.....	.5 lb.	15.6	33	.05	1.50	1.00	
100 lbs. of sorghum silage	.3 lb.	13.6	18	.50	15.00	10.00	
25 lbs. of C. S. hulls.....	.7 lb.	4.7	—	.25	7.50	20.00	
25 lbs. of prairie hay.....	.5 lb.	9.1	23	.37	11.10	30.00	
10 lbs. of yellow corn.....	.6 lb.	8.5	7	.30	9.00	60.00	
25 lbs. of curly mesquite grass (mature)6 lb.	7.6	12	?	?	?	

are literally covered with prickly pear, which thrives in times of drouth. For many years, South Texans have been using pear as an emergency feed, first using a sharp stick and a fire to burn the thorns off, then along came the pear-burner, and it has evolved into a fairly efficient machine, being nothing more than a giant blow torch.

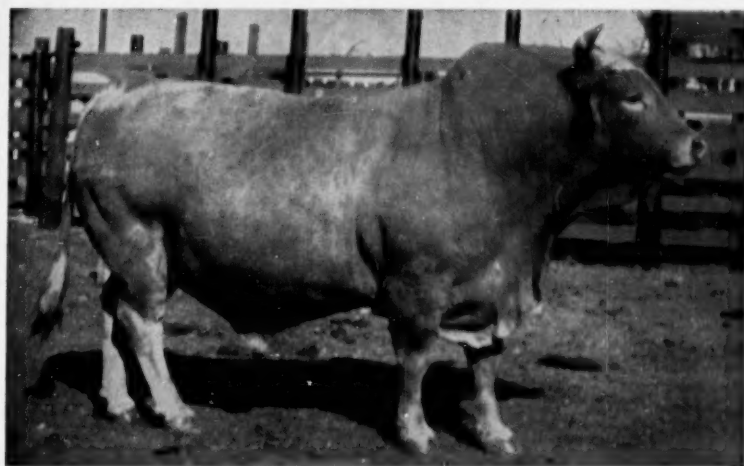
Any kind of ranching or farming in the drier areas of South Texas is extremely hazardous, and of necessity, one must continually look for an opportunity to turn adversity into an advantage. Such an opportunity exists with prickly pear. Those who would have prickly pear eradicated, usually take a dim view of its feeding value, and harp on its bad qualities. Surely there are areas where it is a pest, and where it would not pay to try to use it, but many areas of south Texas have been relying very strongly on their pear burning to keep their cattle alive during the drouth and doing a good job.

Many ranchers keep their cattle in pretty good shape on pear alone, and wild cattle have been known to live on raw pear for months at a time without a drink of water and stay in good flesh. Many ranchers fatten cattle on pear and cake, and do it cheaply in comparison with other types of feeding. Dairymen have successfully used pear in place of silage for years and are still doing so. How is it then that prickly pear is considered by some to be a pest that should be eradicated, and by others to be salvation in times of drouth? And if it is good feed in times of drouth, then why is it not a good feed any time? These questions have been in the mind of the writer for some time, but it was not until recently that it was decided to make some comparisons and try to see just how cactus stacked up against other feeds. Figures in the accompanying table were taken from Experiment Station Bulletin No. 61 revised "The Composition and Utilization of Texas Feeding Stuffs."

The above cost of prickly pear is based on one man burning enough for 200 head of cows, and figuring his labor at \$4.00 per day and using \$6.00 worth of fuel. These costs will vary depending on quality of labor, quality and quantity of cactus, and other factors, and can run as much as twice as high.

In addition to the favorable comparison above, green cactus is also higher in carotene or vitamin A content than alfalfa leaf meal or peanut hay, two feeds that are thought of as tops in Vitamin A.

We see that cactus compares very favorably with other feeds in digestible protein, and exceeds many in productive energy and carotene content, while being much cheaper in price. The fact that it exceeds sorghum silage in all of the above comparisons, makes it look like a much better feed than it has been given credit for, and that we all need to take a new look at our old friend prickly pear, and perhaps show him a great deal more respect. Regardless of your opinion, many ranchers in South Texas swear by him as a dependable friend in time of drouth.



"Mr. Poppa"—Gibson Herd Bull

NOTICE...

We are losing some of our leased pastures and will be forced to cut our herd the last of June. We will sell heifer yearlings, cows and calves and dry cows. These will be good, honest hard working country cattle and will be priced in line with their value.

VISITORS WELCOME

GIBSON
BEEFMASTERS


DAN GIBSON

Phone 3-3024

SNYDER, TEXAS

Clairemont Route

FOR ALL YOUR BRAHMAN NEEDS

Be sure to remember our fine selection of  bulls and heifers

available now at attractive prices

SARTWELLE BROS.

Ranch
Palacios, Texas

Office
4905 Calhoun
Houston, Texas

ABERDEEN-ANGUS "THE BREED WITH A RECORD"

**Angus steers are
America's best feeders**



Bring \$1 to \$3 more per cwt.
Angus fat steers dress out more salable beef, so packers usually pay \$1 to \$3 more per cwt. for them—extra profit if you feed Blacks.

Convert feed into beef efficiently
Angus are famous for converting grain and roughage into quality beef that brings top-of-the-market prices. Be ahead! Feed Blacks!
American Angus Ass'n, St. Joseph, Mo.

77 RANCH ABERDEEN-ANGUS CATTLE

Geo. Graham, Owner Dr. Dan Roberts, Mgr.
WICHITA FALLS, TEXAS

Half-Circle J-D Ranches

Dedicated to the improvement of Angus cattle for the Commercial Producer

Jack Danciger, Owner
C. L. "Pat" Patterson, Mgr.
Rt. #5 Box 265A Fort Worth, Texas

TOP REGISTERED

ANGUS CATTLE FOR SALE

100 GOOD ANGUS COWS AND
CALVES

135 TOP ANGUS HEIFERS
A GROUP OF YEARLING BULLS

E. W. THOMPSON ANGUS RANCH

SEDALIA, MISSOURI

Thanks to heifer purchasers

5 Choice heifers to H. B. Thornton,
Lockney, Tex.

1 heifer to Harold Latta, Kress 4-H boy

1 heifer to Bill Durfey, Wellington FFA

1 heifer to Tommy Womack, Happy FFA

VISITORS WELCOME

Telephone—Redmon, Tex., National 7-3471

Bradford's
CLYDE R. BRADFORD and MERRILLA BRADFORD
HAPPY, TEXAS
Registered Aberdeen-Angus Cattle
1 1/2 miles west of Kallir between Tulia and Happy

C. A. RAPP & SON



Our chief
herd sire is
Eileenmere 62d
by the "487th"

Farms located
3 and 6 miles
west of Estelline
on State Hwy 86
Phone 2501

ESTELLINE, TEXAS

ELBA PRINCE

OF LUCKY L. 1697847

From progeny to ★ studded pedigree
he is the herd improver type bull. He
sires them smooth, square and close to
the ground.

Registered
Angus



Practical
Prices

Always a few good ones for sale.
Write us!

LUCKY "L" RANCH

Bill and Lena Logan

COMFORT

TEXAS

Get
This Sign
Up . . .



Keep
Thrift Losses
Down!

CRAIGIE ANGUS HERD

*Stock Bulls: a formidable array of
herd sires imported from Scot-
land including:*

Imp. Elector of Shempston
Imp. Everad of Ballindalloch
Imp. Eulibuster of Kilham
Imp. Geordus
Imp. Genkins

*Females: Herd is maintained at 150 fe-
males, representing fashionable
Pride, Blackbird Blossom, Alexina,
Coquette and Erica strains.*

The Property of

K. A. CLARK, Easton, Maryland

Tel. Talbot 2-3473

DUNRAVEN ANGUS HERD

Featuring the best in imported Scotch, Sun-
beam and Bandalier Breeding.

We usually have good bulls of strong breed-
ing age for sale. Also foundation females.

JAMES C. TUCKER & SON

Owners

Telephone: Austin, Texas

Greenwood 8-7205

Mailing Address: Del Valle, Texas

Registered Aberdeen-Angus Cattle

ABERDEEN-ANGUS

Popular Bloodlines, Desirable Quality,
Attractive Prices.

CAPPS RANCH
TIPTON, OKLAHOMA



Quality Angus that Produce

25 miles north of San Antonio
on Highway 281 at Highway 46
Phone: Geneva 8-2300, Sulverde, Texas

What about Bloat?

Beltsville Studies on the Feedlot Type of This Complex Disorder Are Giving Us New Light on Its Patterns—But No Full Answer Yet

Reprinted from *Agricultural Research USDA*

FEDERAL-STATE research is slowly uncovering some facts on one of the oldest and most common disorders of livestock the world over—bloat.

Bloat in this country alone results in losses of some \$40 million yearly due to death and decreased production. Although a large percentage of these losses occur in legume pastures, bloat in the feedlot can mean the difference between profit and loss.

Recent USDA work on feedlot bloat has shown it to be highly complex and caused by several interacting factors, many of which are not well understood. Need for further research is shown by the fact that bloat dates back to Biblical times. Up to now—some 2,000 years later—little is known about its causes, prevention, and precise methods of treatment.

ARS biochemist I. L. Lindahl and animal nutritionist R. E. Davis of the Agricultural Research Center, Beltsville, Md., and dairy nutritionists D. R. Jacobsen and J. C. Shaw of the Maryland Agricultural Experiment Station, College Park, recently completed studies

on animal and dietary factors responsible for feedlot bloat.

In preliminary studies on diet composition, these researchers produced frothy bloat in 11 animals by feeding them daily 14 pounds of concentrate (61 per cent barley, 22 per cent alfalfa meal, 16 per cent soybean oil meal, and 1 per cent sodium chloride) and 4 pounds of alfalfa hay. In general, the substitution of corn for barley, or of alfalfa hay for alfalfa meal, had no particular effect on bloating.

Test animals that were kept on a bloat-producing diet 4 or 5 months suffered bloat more often and more severely than animals on a similar diet for a shorter period of time. After 4 or 5 months, however, when animals seemed to reach bloat equilibrium, the frequency and severity of bloat tended to be fairly constant.

Total feed intake and bloat severity were found to be unrelated during the first 4 or 5 months of the diet. But a relationship between feed intake and bloat severity was found to exist after animals reached bloat equilibrium at 4 or 5 months.

Contractions Show Increase

Ruminal contractions definitely increase in frequency as animals begin to bloat. This basic pattern of rumen motility showed no apparent changes in tests on an animal that ate a low-fiber bloat-producing diet for a long time. Data on the metabolic activity of the ruminal microorganisms and the physical nature of the ruminal contents definitely show changes when the animals are fed the bloat-producing diet. These changes were correlated with the incidence and severity of the bloat.

Several Aspects Under Study

Intensive studies by USDA and co-operating State agricultural experiment stations are currently underway on a number of the biochemical, physiological, bacteriological, and pathological aspects of pasture and feedlot bloat. It is hoped that this all-out attack will soon result in better understanding of the causes of bloat and lead to development of definite methods of preventing and treating this costly disorder of livestock.

No definite recommendations for treatment can be offered at present. Bloat can be relieved—as it was in the Beltsville work—by use of a large-size stomach tube. This is believed to be the safest method right now. Bloat can sometimes be successfully treated with kerosene, turpentine, and other surface-active agents. These substances apparently break up the rumen froth that prevents the animal from belching.



ANGUS ASSOCIATION

Sponsored

13th ANNUAL

SAN ANGELO COMMERCIAL
COW SALE

MAY 27th SAN ANGELO, TEXAS

1500 Commercial Angus Females . . . Several Registered Angus Range Bulls

Good beefy Angus cows, consisting of bred and open heifers, cows with calves, dry cows and springers will be sold. A few bulls ready to go to work, will be offered.

Sale at 10:00 A. M. in the San Angelo Livestock Auction Company Pavilion

TEXAS ANGUS ASSOCIATION

Glenn Tole, Sec'y—203 Livestock Exchange Bldg.—Fort Worth 6, Texas

Herman Allen, Pres.
Menard, Texas

*There is no death. The stars go down
To rise upon some other shore.
And bright in Heaven's jeweled crown
They shine forevermore.*

J. L. McCreary

Harris Underwood

Harris Underwood, Harris county rancher, died April 3 in a Houston hospital at the age of 66. Underwood, a native of East Columbia and a graduate of Texas A&M College, had ranched for 40 years. He is survived by a son, Harris Underwood Jr., Houston; two sisters, Mrs. E. M. Pooley, El Paso, and Mrs. C. H. Lentch, Beaumont; two brothers, Dammon Underwood, Houston, and J. C. Underwood Jr., Dallas; and three grandchildren.

Lewis Johnson

Lewis Johnson, widely known Polled Hereford breeder and pioneer resident of Jack county, died in Fort Worth April 6 after a lengthy illness at the age of 81. Johnson and his brother, the late W. R. Johnson, started in the ranching business 42 years ago and at one time claimed the largest herd of registered Polled Herefords, numbering more than 1500 animals. For years the Johnson brothers registered more Polled Hereford cattle than any other breeder. He was a past president of the Texas Polled Hereford

Association. Survivors include two sons, Dr. James L. Johnson of Amarillo and Lewis Gray Johnson of Jacksboro, and three grandchildren; three brothers, R. N. Johnson of Jacksboro, Levi Johnson of Mount Carmel, Ill., and Maurice Johnson of Dallas; and two sisters, Mrs. R. A. Hefner of Oklahoma City and Mrs. Adda Cabeen of Houston.

George M. Benson

George M. Benson, pioneer Texas cattleman and rancher, died April 3 in an Alpine, Texas, hospital at the age of 77. Benson was born in Burleson county and came to Brewster county in 1905, and had been engaged in the ranching business since that time. He began ranching north of Alpine, and also ranched in the Chisos Mountains, now a part of the Big Bend National Park, and in the Hovey area between Alpine and Fort Stockton. He also ranched in Colorado at one time. He is survived by his widow; two sons, Gene Benson of Alpine and Joe Benson of Hunt; two daughters, Mrs. Inda Adams of Midland and Mrs. Bili Hale of Odessa; two brothers, C. L. of Corpus Christi and Clyde of Olney; and three sisters, Mrs. O. E. Cook of El Paso, Mrs. John Browing of South Bend, Texas, and Mrs. W. C. Rice of Olney.

Malcolm W. Almond

Malcolm W. Almond, for many years a rancher in the Fort Stockton area, died recently in Long Beach, Cal. Almond was born near Hockley, Texas, and moved to

Pecos county and began ranching at the age of 21. He became married and later moved to Fort Stockton, where he farmed and ranched for about 25 years. For a few years he operated in Arkansas, but later returned to Fort Stockton, moving to California in 1952. He was buried at Fort Stockton. Survivors include his widow; four children, Malcolm W. Jr., Fort Stockton; John Alford, Houston; Mrs. Anne Clary, Wilmington, Cal.; and Miss Betty Jean Almond, Los Angeles; three brothers, Frazier G., of Troup, Texas; Charlie Norman of Houston, and Jake Raymond of Seguin, Texas; two sisters, Mrs. E. O. Nicolai of Houston and Mrs. Ann Niemann of Fort Stockton, and six grandchildren.

R. B. Masterson, Jr.

R. B. (Ben) Masterson, Jr., Amarillo cattleman and member of a pioneer cattle ranching family, died in Amarillo March 30 at the age of 75. Masterson was a native of Lampasas and went to Fort Worth from Wheeler county in 1898. After completing his education he entered the cattle business with his father in Knox and King counties and later operated in partnership with his brother, the late T. B. Masterson. At one time the family owned around 90,000 acres in Knox, King, Potter and Carson counties. Since 1946 Masterson and his son-in-law, Beaumont Stinette, ranched together near Amarillo. He is survived by his widow, a son, Bennett Masterson, and a daughter, Mrs. Stinette, both of Amarillo; four sisters, Mrs. D. F. Kritser, Mrs. C. E. Wey-

C-T RANCH 2nd ANNUAL SALE

MAY 11th - 1:00 P.M.

MIAMI, OKLA.

Selling

7 Bulls - 50 Females

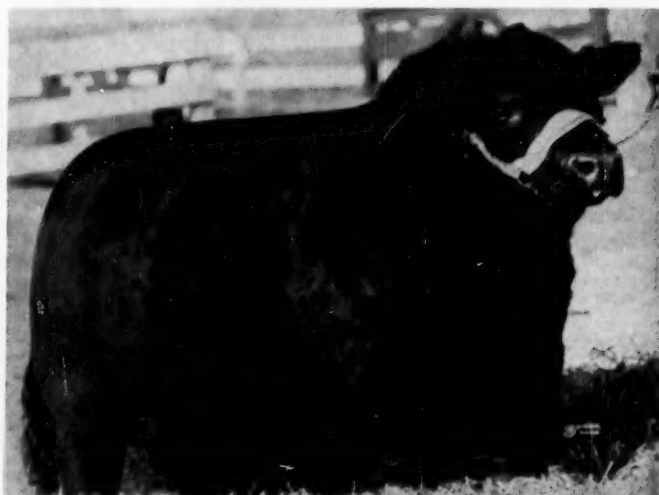
ALL OF THE BULLS IN THE OFFERING ARE SONS OF ENVIOUS PRINCE ERIC R (PICTURED)

Many of the Females will sell safe in calf to PRINCE SUNBEAM E 136, Grand Champion Bull at the 1956 Southwestern Livestock Exposition, Ft. Worth.

Families included in our Female offering:

Fannie Bess, Eljon Erianna, Gammer, Beauty of Haston, Blueblood Lady, Royal Lady, Maid of Bummers, Black Jestress and many others.

FLASH!! We will sell as Lot 1, Miss Queen 18 of C-T—Our Junior Champion Heifer at the 1957 Houston Livestock show.



ENVIOUS PRINCE ERIC R
C-T Ranch Senior Herd Sire

FOR CATALOGS AND RESERVATIONS WRITE:

M. K. HUTTS, Manager
Miami, Oklahoma

W. R. Gilfoil & Co. Herefords

Annual Sale May 27th, Tallulah, La.

If a Clean up job is needed . . .

TRY A PEDIGREE LIKE THESE:

Omega Prince 100 - 9209799

Calved Nov. 18, 1955

Bred by J. M. Gilfoil, Tallulah, La.

Omega Prince 61 5772889	{	Bear Creek Pr. 25	{	Bear Crk. Pr.	{	Real Dom. 51
		Mozelle Clark	{	Mozelle Clark	{	Miss S. Dom. 44
B C Lady J 7123300	{	Mozelle Mixer	{	Don Mixer 10	{	Dandy Donald
		Real Silver Domino 59	{	Mozelle 2	{	Marsena 2
Lady Jerry 3	{	Real Domino 51	{	Real Pr. Dom. 24	{	Don Mixer
		Daisette Silver	{	Pr. Domino 6	{	Mary A Mixer 8
		Real Silv. Dom. 59	{	Mary Sue	{	Dom. Return 509
		Lady Jerry 3	{	Real Dom. 51	{	Mozelle Clark
			{	Daisette Silver	{	Real Pr. Dom. 24
			{	Bear Creek Pr.	{	Daisy Dom. 1
			{	Lady Dott	{	Pr. Domino 6

LOT #1

Omega Zato Heir 16 - 9335157

Calved March 10, 1956

Bred by W. R. Gilfoil & Co., Tallulah, La.

Silver Zato Heir 24 7934458	{	TR Zato Heir 74	{	TR Zato Heir	{	H&D Tone Lad 105
		Miss. Pal. Dom. M36	{	Miss Silver T 2	{	Leola Flowers
Omega Silver Lady 21 7642780	{	Real Silv. Dom. 59	{	Paladin Dom. L	{	Real Sil. Dom. 44
		J8 Prin. Dom. 2	{	Miss H Brackett	{	Delsona T 98
			{	Real Domino 51	{	Paladin Domino
			{	Daisette Silver	{	Catharine Domino
			{	Anx. Dom. 19	{	Chandler's B 5
			{	Prin. Dom. 26	{	Panama Rose 2
			{		{	Real Pr. Dom. 24
			{		{	Daisy Dom. 1
			{		{	Pr. Domino 6
			{		{	Mary Sue
			{		{	Anxiety Domino
			{		{	Queenly Stanway 5
			{		{	Victor Domino 42
			{		{	Princess Dom. 3

LOT #5

Omega Silver D 61 - 8824172

Calved Jan. 13, 1955

Bred by W. R. Gilfoil & Co., Tallulah, La.

Real Silver Dom. 59 3472256	{	Real Dom. 51	{	Real P Dom. 24	{	Real Pr. Dom.
		Daisette Silver	{	Pr. Dom. 6	{	Nina Mischief
Omega Maid 33 4946885	{	Don Mixer 10	{	Mary Sue	{	Onward Domino
		Omega Maid 15	{	Don Mixer	{	Daisy Domino
			{	Mary A Mixer 8	{	Prince Domino
			{	Draft Dodger	{	Zora Aster 2
			{	Lucerne 5	{	Dandy Donald
			{		{	Daisy Prince
			{		{	Advance Mixer
			{		{	Donna Domino
			{		{	Mary G Misch. 8
			{		{	Tony 8
			{		{	Lula Frances
			{		{	Dom. Blanchard
			{		{	Lucerne 4

LOT #6

Omega Silver D 62 - 8824175

Calved Feb. 7, 1955

Bred by W. R. Gilfoil & Co., Tallulah, La.

Real Silver Dom. 59 3472256	{	Real Domino 51	{	Real Pr. Dom. 24	{	Real Pr. Dom.
		Daisette Silver	{	Daisy Domino 1	{	Nina Mischief
Omega Lass 64 5290762	{	Bear Creek Pr. 25	{	Prince Domino 6	{	Onward Domino
		Casita Jo B 2	{	Mary Sue	{	Daisy Domino
			{	Bear Creek Prince	{	Prince Domino
			{	Mozelle Clark	{	Zora Aster 2
			{	Bear Creek Prince	{	Dandy Donald
			{	Casita Jo B	{	Daisy Prince
			{		{	Real Domino 51
			{		{	Miss S Domino 44
			{		{	Domino Return 418
			{		{	Casita Jo

LOT #7

SELLING

25 BULLS ★ 50 FEMALES

For Catalogs Write:

W. R. GILFOIL & CO.

TALLULAH, LOUISIANA



QUALITY + PERFORMANCE + FERTILITY

The past year has been spent in securing our present herd. Those who have seen it think it is phenomenal. The bulls in service are of the highest caliber including direct imports from Scotland. These cattle have been selected from each of the bloodlines that have had such an influence in improving the Angus breed. It is our belief that all lines of breeding have superior qualities that can be used to an advantage in producing what our customers are asking for.

The first calves of our own breeding are now on the ground. The oldest are three months of age. It is truly gratifying to see the uniformity and quality that these matings are producing. These calves are weighed and graded when dropped and again when weaned. Then they are put through a 140 day gain test. These records are available to anyone as an aid in selection.

You are most welcome at Essar.

Stop in and let us prove it.

TOM SLICK — LES LJUNGDAHL — BILL OHLENBUSCH — JIM WARNKE

ESSAR RANCH, SAN ANTONIO, TEXAS

R.F.D. #4

BOX 176A

Your brand is your coat of arms, but it is of little use unless it is recorded.

mouth and Mrs. Mary Fair of Amarillo, and Mrs. Z. T. Scott, Austin; three grandchildren and four great-grandchildren.

Charles B. Smith

Charles B. Smith, died at his home in Lubbock March 12 at the age of 66. Smith was born in Montague county and came to Floyd county in 1910 where he and his brother Joe engaged in stock farming. In later years he operated an irrigated farm near Floydada. He is survived by his widow; two sons, Joe and Jack of Lubbock; a daughter, Mrs. Ina E. Payne, Portland, Ore.; two sisters, Mrs. Allie Collins, Canyon and Mrs. Willie Fuller, Plainview; a brother, Joe H. Smith, Silverton; two grandchildren and a number of nieces and nephews.

Benton Mosley

Benton Mosley, 67, long time Lea county resident and rancher succumbed to a heart attack February 22 after a weeks illness in a Portales hospital. A native Texan, he had spent his life time in the West Texas and Eastern New Mexico ranch country. He operated a livestock commission business in Lovington for many years. He moved to the Portales area six years ago, and when stricken was backing a stock truck up to a loading chute to load cattle on his stock farm there. He was married in 1917 to May Price of Lovington, who survives him. Other survivors include a sister, two nephews, and one niece.

N. G. Crachel

Nelson G. Crachel, one of the most prominent livestock auctioneers of the 20's and 30's, died March 15 at his Harlan, Iowa, home. Crachel was 67 years old. Death was due to a heart ailment. He served as lieutenant governor of Iowa from 1933 to 1937 and was governor from 1937 to 1939. He is survived by his wife and one son. Two sons were killed in World War II.

J. N. Yates

J. N. (Jack) Yates, pioneer East Texas oil man, big game hunter, rodeo impresario and rancher, died April 10 in Gladewater at the age of 65. Yates was one of the organizers of the Gladewater Roundup Rodeo and was president of the association for 15 years. He helped found the first overseas show of this type while serving with the U. S. Armed forces in

I STILL HAVE FOR SALE

15 Head Large Registered Angus Cows With Calves at Side or Springing. They Will Average About 5 Years Old.

12 Bulls in Fine Shape — 12 Months Old and Up.

Priced Very Reasonable

Fine Blood Lines

DAN SEARIGHT

Route 5, Box 213
Telephone: Hickory 2-3338

AUSTIN, TEXAS

For *You!*



in the **GULF COAST AREA...**

A MOST CORDIAL INVITATION TO ATTEND
the 5th Annual
Gulf Coast Angus Association

SALE

SATURDAY May 25th 1:00 P.M.

The sale will be held on the CHESTER JORDAN FARM 4 miles South and East of:

BROOKSHIRE, TEXAS

Offering

60 Females — 10 Bulls

All Bulls will be of Breeding age—Herd sire prospects and good range bulls. Several cows with calves at side; Bred cows; Bred and Open Heifers Representing some of the most popular breeding of Angus Cattle today.

Sponsored By

TEXAS ANGUS ASSOCIATION

Sale Chairman
Billy Casey
Katy, Texas

203 Livestock Exchange Bldg.
Fort Worth, Texas

President
Herman Allen
Menard, Texas

**We
Regretfully
Announce**

The loss of the World's Most Advertised bull . . . Prince 105TT. He died in his paddock in the early morning hours of April 15th from an internal hemorrhage. We feel that we have not only lost a great herd sire, but the breed has lost one of its most fabulous bulls.



Prince 105TT # 1283041

BYARS ROYAL OAKS
REGISTERED ABERDEEN-ANGUS CATTLE
TYLER, TEXAS



YOU WILL BE PROUD

Write for further information



TO BE A MEMBER

410 East Weatherford, Fort Worth

Mr. Black**--- Builder of Better Beef**

*He upgrades your
calves . . . breeds the
horns off . . . breeds
your herd black.
Better buy
a black bull.*

Bill Faudree

117 South Loraine
Midland, Texas

Thornton's W R Ranch

Argyle, Texas
U. S. Highway 377
J. D. Kyle, Mgr.
Ph. Roanoke, Texas, 2756

FLYING M RANCH

Registered Angus Cattle
M. C. & Lou Martin, Owners
J. Brooks, Manager
Billy Bryson, Asst. Manager
Route 1 — McKinney

Higginbotham Cattle Co.

914 Jackson St., Dallas, Tex.
Star Rt. 1, Seminole, Tex.

Hill Pasture Farms

L. R. Ward, Owner
3008 Canyon St.
Dallas, Texas
Farm:
Route 3, Royse City, Texas

YOU CAN BUY ANGUS BULLS TO FIT YOUR NEEDS AND FOUNDATION ANGUS FEMALES FROM THESE BREEDERS

France during World War I. He was widely known as a big game hunter and his museum, a log cabin completely furnished with western gear has been a showplace in Gladewater for years.

Prince 105 of TT \$230,000 Angus Bull, Found Dead

PRINCE 105 of TT, one of the world's highest priced bulls, was found dead early April 17 in a paddock on the Byars Royal Oaks Ranch, Tyler, Texas. The prize bull died suddenly of an internal hemorrhage, according to ranch manager Tommy Stuart. Stuart said the bull had shown no prior signs of illness. Two Tyler veterinarians and one from Dallas were called to perform a post mortem and ruled the death as caused by internal hemorrhage.

The bull achieved national fame three years ago when Bedford Wynne of Dallas and Billy Byars of Tyler paid \$115,000 for a half interest from Urban Simon of Wichita, Kans. The bull was widely publicized when he was led into the governor's suite of Tyler's Blackstone Hotel to be photographed with pretty girls, city officials and cattlemen.

Wynne sold his one-fourth interest about a year ago to Horace Garrett, who has a ranch near Big Spring.

Prince 105 of TT had sired more than 1,000 sons and daughters, many of them show winners. Stuart said Byars Royal Oaks Ranch had expected to use the bull at least two more years.

He was buried on Royal Oaks Ranch.

Aberdeen-Angus Transactions

Ben R. Eppright of Austin, Texas, sold a bull and a cow to K. B. Thompson and four cows to W. L. Col, both of Austin, and a bull to Elizabeth W. Blanton of Granger, Texas.

O. Alton Watson of Oklahoma City, Okla., sold a bull each to Leo McMakin and W. H. Havens of Norman, Okla., and D. D. Green of Purcell, Okla.

Louise C. Barry of Keller, Texas, sold 19 cows and four bulls to James P. Neill of Dallas, Texas.

C. E. Appleby of Norman, Okla., sold ten cows to S. C. Rainbolt of Noble, Okla.

Willie Murchison of Menard, Texas, sold 48 cows to Russell, Spencer, Lewis and Couch of Menard.

Louise C. Barry of Keller, Texas, sold seven cows to F. W. Menser of McKinney, Texas.

D. F. Allen of Dimmitt, Texas, sold a bull to H. L. Crum of Dimmitt, and eight cows to J. R. Smithson of Dimmitt.

Cecil Irby of Winnsboro, Texas, bought three bulls from Roger J. Thompson of Winnsboro.

J. W. Gorman of San Antonio, Texas, sold ten bulls to G. A. and Ed Lowrance of Truscott, Texas.

George W. Graham of Wichita Falls, Texas, sold 18 bulls to Giberto Valdez of Chihuahua, Mexico.

Selling...

300 HEAD

- ★ REGISTERED ANGUS COWS
- ★ COMMERCIAL ANGUS COWS
- ★ REGISTERED ANGUS BULLS



in the...

Texas Angus Roundup

JUNE 3
10:00 A.M.

SALE

**TYLER,
TEXAS**

OFFERING — BOTH REGISTERED AND COMMERCIAL COWS; COWS AND CALVES; BRED AND OPEN HEIFERS; 15 BULLS, ALL OF STRONG BREEDING AGE.

THERE WILL BE SOMETHING FOR EVERYONE—A LOT OF GOOD CATTLE AND A LOT OF GOOD BARGAINS.

THE SALE WILL BE HELD AT THE TYLER LIVESTOCK AUCTION COMPANY PAVILION.

Sponsored By

TEXAS ANGUS ASSOCIATION

Glenn L. Tole
Secretary

203 Livestock Exchange Bldg.
Fort Worth, Texas

Herman Allen
President



THE BRAND MAKES A DIFFERENCE---

"Set a thief to catch a thief" is an old saying that resulted in the selection of the "Bob on the Square" brand of J. C. Newton in Rockwall County, Texas. The rancher wanted a design that a rustler couldn't change into any other brand without it's being detected, so he consulted an expert. "Bob on the Square" was designed for Newton by a traveling horse thief! This shifty gentleman apparently knew his trade, since the brand was never successfully altered.

Many different reasons influenced the selection of each of the thousands of cattle brands used throughout the range country . . . and there are just as many good reasons for providing modern herds with RANCH HOUSE brand Mineralized Stock Salt. The brand still makes a difference, and RANCH HOUSE brand means finer, healthier animals and higher profits.

RANCH HOUSE stock SALT

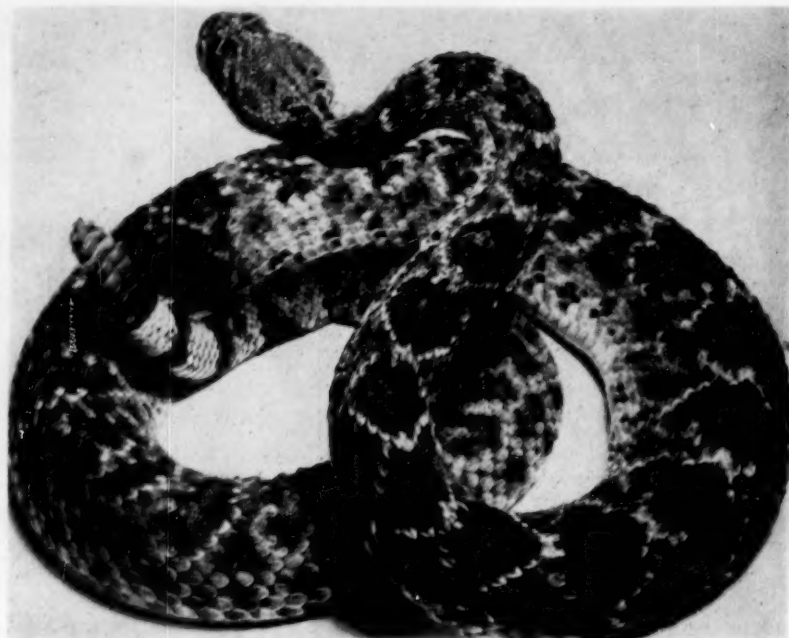


UNITED SALT CORPORATION

Houston, Texas — JA 9-4295

4614 Montrose Blvd.

Mine — Hockley, Texas



The Diamond Back Rattler

By JEWELL CASEY

While many persons have a strong resistance to snake venom, the bite of a poisonous snake is nothing to make light of, but should be given first aid treatment as soon as possible. The outdoorsman should always carry a snake bite kit when in snake-infested areas. This is the first of a series of short descriptive articles about snakes that will be published in *The Cattleman*.

The Diamond Back is one of the 18 species of rattlesnakes native to the Americas only. Regardless of the size, which may range from 20 inches to more than 7 feet in length, in a variety of colors and markings, each rattlesnake can be identified for the rattler.

Contrary to popular belief a rattlesnake does not always warn before striking; it does not have to be coiled to strike, and it cannot strike its entire length. A new rattle is added each time a snake sheds its skin, which may be three or four times each year.

Extracting the fangs of a snake does not permanently render it harmless, but only until new fangs replace those extracted.—Photo U. S. Fish and Wildlife Service.

Modern Highway Becomes Cattle Trail

Huebner Brothers, Bay City, Texas, recently drove these cows and calves from winter pasture on Matagorda peninsula salt grass to summer pasture on their ranch south of Bay City. About 700 cows were driven 40 miles in the move to summer pasture and a good part of the drive was on Highway 60 between Matagorda and Bay City.



SANTA GERTRUDIS

"AMERICA'S FIRST
BEEF BREED"

REDUCTION SALE SANTA GERTRUDIS CATTLE

- 60** Outstanding 4-5 yr. cows (20 S & 40 S) in good condition . . . all have calves at side or are heavy springers. From Armstrong, Richard King, Luling Foundation and other leading herds. Bred to our top King Ranch Bulls.
- 30** 10-15 months heifers—should classify 50% S and 50% S.
- 10** Top 12-16 months old bulls that should classify S bulls.
- 4** 2-yr. Certified bulls, ready for service.
- 4** King Ranch bulls, 3-4 yr. certified and with calves to show.

All offerings made subject to prior sale.

Visit our Rio Grande Valley farm and inspect these fine cattle that we must sell to adjust to our acreage.

VISITORS WELCOME

Our Farm is located 5 miles northeast of Edinburg, Texas, on Farm Road 1925. Phone for an appointment DU 3-3496.

LANDRETH FARMS • EDINBURG, TEX.

Breeders of Santa Gertrudis Cattle

E. A. Landreth, Owner
Route 1, Box 392

Henry Lovell
Manager

*Member Santa Gertrudis Breeders International
Rio Grande Santa Gertrudis Breeders Association*

SANTA GERTRUDIS CATTLE

Let us help you
with Your Santa
Gertrudis needs.

Visitors Welcome

Creslenn RANCH

Clyde Alexander • C. D. Wheatley

Trinidad, Texas • Phone 2744

*Charter Member Santa Gertrudis International
Member East Texas Santa Gertrudis Ass'n*



RURI-MAR RANCH

Presents

Cincinnati Red 122



Cincinnati Red 134



Pictured are two 2-year-old sons of Cincinnati Red. They will be used this year in our program of single sire herd selective breeding.

You are cordially invited to inspect our herd of top-quality Santa Gertrudis cattle.

LUCEDALE, MISSISSIPPI

Member of Santa Gertrudis Breeders International—Herd No. 205

Sam Loftin, Jr., Manager • Route 63 • Phone, Lucedale 2421

Santa Gertrudis breeders, you can reach a large group of prospective buyers by using this special section to give them your message.

BRISCOE RANCH

Founded by Dolph Briscoe, Sr.

BREEDERS

of

Santa Gertrudis Cattle

**WE WILL HAVE SOME
BULL CALVES TO OFFER
THIS FALL**

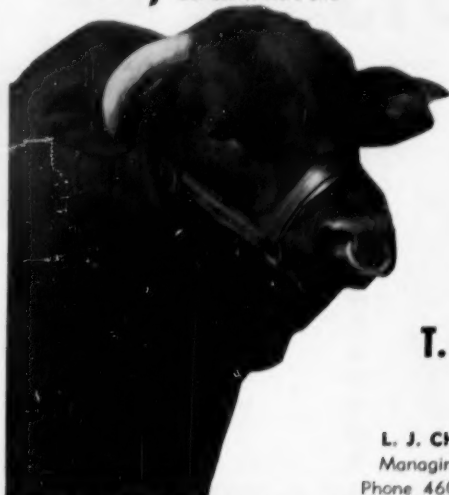
Dolph Briscoe, Jr., Phone BR 8-4585

UVALDE, TEXAS

LES BROWN, Mgr., Phone 2804
CATARINA, TEXAS

*Charter Member, Santa Gertrudis Breeders
International*

Chief
Our Senior Herd Sire



10 Grand Champion Awards

SANTA GERTRUDIS CATTLE

Charter Member,
Santa Gertrudis Breeders
International

Member,
Mid-Coast Santa Gertrudis
Association

Visitors Welcome

T. N. MAURITZ & SON

GANADO, TEXAS

L. J. CHRISTIAN
Managing Partner
Phone 4605 or 4413

M. W. MAURITZ
Owner
Phone 3515

On US Highway 59



West Texas SANTA GERTRUDIS BREEDERS Association



Typical bull from a member's herd

Contact us for the best in
Santa Gertrudis Bulls and
females. "Top Quality Cat-
tle at Realistic Prices."

Address correspondence to C. T. Holekamp II, Secretary-Treasurer, Junction, Texas.

DOLPH BRISCOE, JR.
Uvalde

M. H. CALLAN
Fort McKavett

LEE ROY CRAWFORD
& SON
Batesville

W. F. EDENS
San Marcos

DR. HENRY L.
HILGARTNER
Austin

DR. C. T. HOLEKAMP II
Junction

C. SUMNER HUNTER
Uvalde

LOYD JINKENS
Fort Worth

GILLIS A. JOHNSON
Fort Worth

C. A. McDANIEL
Uvalde

MORGAN FARMS
Batesville

ROGER PRATER
Aledo

JACK RICHARDSON
Uvalde

SHURLEY BROS.
Sonora

A. A. STEWART
San Saba

C. HUNTER STRLIN
San Angelo

PAUL C. TEAS, JR.
Van Horn

FRANK L. WINSLOW
Uvalde

O. C. WHITAKER
Aledo

JIMMY ZESCH
Mason



El Capitan

This bull is owned jointly with Payne Briscoe, Dilley, Texas.

THIS IS . . . EL CAPITAN

"This bull represents the kind of Santa
Gertrudis cattle we are trying to produce."

NINE BAR RANCH
Cypress, Texas

Gus S. Wortham
Sterling C. Evans

Kleberg County FFA & 4-H Santa Gertrudis Sale

SUMMARY

14 Females \$8,950; Avg. \$639

FOURTEEN heifers brought an average of \$639 at the annual Kleberg County FFA and 4-H Santa Gertrudis sale held at Kingsville, Texas, April 10. The heifers were fitted by club members and were provided by breeders of Santa Gertrudis in Texas.

Top selling heifer was an animal with future show possibilities fitted by Mack Taplin of Kingsville and bred by Ed Ramond of Raymondville. She sold to Richard M. Kleberg, Jr. of Kingsville for \$2,600 and was presented to Texas A&I College at Kingsville. Kleberg also purchased a heifer fitted by Jack Burchers and bred by Dave Odem, Kingsville for \$1,025, also presented to the college. A heifer fitted by Buddy Schonefeld of Riviera and bred by Payne Briscoe of Dilley sold to Dr. Z. T. Scott of Austin for \$1,025.

Walter Britten was the auctioneer.

King Ranch Santa Gertrudis Sale

SUMMARY

25 Bulls \$157,775; Avg. \$6,311

TWENTY-FIVE Santa Gertrudis bull yearlings brought an average of \$6,311 at the seventh annual sale held by the King Ranch, Kingsville, Texas, April 10. A large crowd attended the event which was held on the ranch where the breed was originated.

Top selling bull of the sale was purchased by R. D. Keene of Winter Garden, Fla., on a bid of \$18,000. He also purchased another bull for \$10,600. Winrock Farms, Morrilton, Ark., purchased three bulls for \$11,000; \$8,400 and \$8,000. William DuPont of Wilmington, Del., bought five bulls at \$16,000; \$9,300; \$8,000; \$8,000 and \$6,200. Mirasol Ranch, Uvalde purchased the largest number of bulls taking five at \$10,750; \$7,200; \$5,200; \$2,400 and \$2,400. John Shartel of Troy, Ohio, paid \$5,500 for a bull.

Walter Britten was the auctioneer.

San Antonio Hereford Stocker- Feeder Sale

MORE than 1,200 head of cattle were offered in the Hereford Stocker-Feeder sale held at the Union Stock Yards, San Antonio, April 18, with steers selling in a range of \$18-\$25 and heifers in a range of \$17-\$23.

First prize winners in the various classes follow:

Pen lots of 10 steers—R. Mathers, Brownsville, Texas.

Pen lots of 20 steers—Pete Tumlinson, Crystal City, Texas.

Pen lots of 40 steers—Howeth & Mason, San Antonio, Texas.

Pen lots of 10 heifers—Howeth & Mason, San Antonio, Texas.

Pen lots of 20 heifers—Ralph Ellis, Beeville, Texas.

Pen lots of 40 heifers—C. F. Schwab, San Antonio, Texas.

The Cattleman—Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.

Santa Gertrudis Demonstration at Columbia, S. C. May 24

SANTA Gertrudis Breeders of South Carolina will meet for a classification demonstration and semi-annual session at Black Creek Ranch near Columbia, S. C., May 24.

Frank Leigh, classifier for Santa Gertrudis Breeders International, will give the demonstration as he classifies cattle of Dr. John L. Gunter, owner of Black Creek Ranch.

Packing company officials, as well as livestock men, will grade some of the steers.

Dr. R. F. Wheeler, head of the Animal Husbandry Department at Clemson College, will discuss cattle-breeding aspects of particular interest to South Carolinians at present.

East Texas Santa Gertrudis Sale

SUMMARY

22 Bulls	\$ 7,800; Avg.	\$345
42 Females	12,936; Avg.	308
64 Head	20,736; Avg.	324

EAST Texas Santa Gertrudis Breeders sponsored their 5th annual sale at the Callan Ranch, Waco, April 13 with 64 head of cattle selling for an average of \$324. The cattle were not highly fitted and a late season cold snap brought disagreeable weather which greatly reduced attendance at the sale.

J. T. Dinn and Son, Bruni, Texas, topped the sale by paying \$1,300 for George III, a two-year-old bull consigned by Dan Lester's Guarding Oak Ranch at Jefferson. A bull consigned by John H. Wilson of Fort Worth sold for \$700 to T. C. Adams of Bethany, La. Dr. J. C. Erwin, Jr., of McKinney, paid \$600 for a bull consigned by Thomas Y. Pickett of Dallas.

Top of the female offering was \$700 paid by John H. Wilson for Carmelita, a two-year-old heifer consigned by Ray Cowart of Henderson. E Bar S Ranch of Mesquite paid \$550 for a heifer consigned by H. U. Garrett of Longview.

King Ranch Quarter Horse Sale

SUMMARY

25 Head	\$39,275; Avg.	\$1,571
---------	----------------	---------

ANEW record was set at the seventh annual sale of Quarter Horse colts and fillies held by the King Ranch, Kingsville, Texas, April 10 when 25 head of top horses sold for an average of \$1,571. The previous top average was \$1,358 set in 1955.

Eddie Porath of Detroit, Mich., topped the sale when he paid \$4,000 for a light chestnut filly by Hired Hand's Cardinal. Porath also purchased a chestnut stud colt by Hired Hand II for \$3,550 and another filly by Wimpy, Jr. for \$3,000. Loyd Jinkens of Fort Worth paid \$2,275 for a stud colt by Hired Hand II and William DuPont of Wilmington, Delaware, paid \$2,000 for a colt by Hired Hand's Cardinal. J. A. Lawton, Sulphur, Oklahoma, paid \$2,200 for a Wimpy filly.

Buyers from Texas, Oklahoma, Delaware, Ohio, Michigan, Louisiana, Florida and California bought the horses. Walter Britten was the auctioneer.

★ DISPERSION ★

selling at private treaty



"Davy" Crockett, 1955 Show Bull—Weight 1790 pounds at 23 months"

DAVY CROCKETT
39 month old Certified
S Santa Gertrudis Bull
**AND OUR ENTIRE
HERD**

of about **17** cows

**ALBERT MARTIN
FOUNDATION**

We've been very much pleased with our beef breeding program. Davy Crockett has sired some outstanding calves, but we need all of our limited pasture for an expanding dairy operation.

Don't Delay — Inquire Today

Phone 2139

JOHN R. ALFORD
Henderson, Texas

Box 629

SANTA GERTRUDIS FOR SALE

24 young S & S bred cows
1,000 to 1,200 lbs.

50 yearling heifers
750 to 900 lbs.

40 good yearling bulls
800 to 1,000 lbs.

6 young S bulls
1,700 to 2,000 lbs.

Tom & Ray Cowart, Henderson, Texas

Box 708 • Phone 2944 • Manager's phone 3953

Member Santa Gertrudis Breeders International
Member East Texas Santa Gertrudis Breeders Association

READ "HOOFS AND HORNS"

"Only Rodeo Magazine in the World"
Issued Monthly at Tucson, Arizona
\$2.00 for one year, \$3.50 two years
\$4.50 three years, \$7.50 five years
Send subscriptions to
HOOFS & HORNS

P. O. Box 2472

Tucson, Ariz.

HELP WANTED!

Make \$25.00 to \$100.00 weekly preparing envelopes. Our instructions tell how. Enclose stamped envelope.

Ewell E. Farley, Harlan, Ky.

Pioneer Santa Gertrudis Sale

SUMMARY		
8 Bulls	\$19,824; Avg.	\$2,478
26 Females	43,692; Avg.	1,677
34 Head	63,516; Avg.	1,865

MALTSBERGER Ranch, Cotulla, Texas, topped the fifth annual Pioneer Santa Gertrudis Sale held at Briggs Ranch, San Antonio, Texas, April 11 with a bull that sold to Winrock Farm, Morrilton, Arkansas, for \$8,000, an all-time top for the sale. The bull was Sancho II, a coming three-year-old.

The 34 head of cattle offered brought an average of \$1,865, and were consigned by 10 pioneer breeders in South Texas.

Ed Landreth, owner of Landreth Farms, Edinburg, Texas, topped the female offering by paying \$5,275 for a cow with a bull calf at side by El Torazo. This pair, consigned by R. W. Briggs, Jr. of San Antonio, showed excellent quality. The Torazo bull is the \$40,000 King Ranch bull that the pioneer group purchased several years ago.

Yolanda, a heifer consigned by the Maltzberger Ranch, sold to the King Ranch for presentation to Texas A&M

College, Kingsville, for \$3,800. Palmer Ranch, Sarasota, Florida, paid \$3,000 for a heifer consigned by Walter W. Cardwell, Jr., Lockhart, Texas, and Winrock Farm paid \$3,000 for a two-year-old bull that was the highest gaining bull ever tested for rate-of-gain by the Texas Experiment Station at McGregor, Texas. He was consigned by R. W. Briggs, Jr. J. Grant Glasco of Toronto, Ont., Canada, bought four head of cattle.

Walter Britten was the auctioneer.

New Cattle Wormer Formula Combats Worm Infection

RECENT intensive research and testing have brought about another development in the continuous campaign to improve the health of cattle through the control of internal parasites.

Numerous tests on the effectiveness of phenothiazine drenches have proved that worm killing depends on getting a great enough concentration of the dose in the fourth stomach and intestines in sufficient quantity to produce the necessary results.

Research shows there are no dangerous parasites in the system of cattle until the fourth stomach is reached. Tests have indicated there is a considerable difference in the effectiveness of phenothiazine drenches. In some drenches a great portion of the dose is lost or absorbed before it reaches the fourth stomach. The small amount of ordinary drench that goes into the fourth stomach lacks sufficient quantity to kill resistant worms.

Tapeworms, wire worms, bankrupt worms and other common stomach worms which have been resistant to regular treatments can now be safely and economically controlled. An easily administered drench which has resulted from extensive research is proving more highly effective in killing these intestinal worms. This new formula was inspired and developed when it became evident in many cases the cattle did not respond to usual treatments. The improved formula is known as Tena-Bov. It was developed and is manufactured by the Texas Phenothiazine Company.

This cattle wormer is helping livestock men meet an increasing need for combating worm infections. There is no interference with normal chemical and bacterial actions of the digestive processes according to the manufacturer. It is given on a full stomach. It is reported there is no weight loss as compared with drugs which upset digestion by requiring a fasting period.

Research over the last few years, both in the field and in the laboratory, indicates that the presence of worms causes a tremendous drain on the animal's body. Stomach and intestinal worms are among the most costly enemies of the cattle raiser. Several million dollars of livestock income are lost annually through weight losses, inability of cattle to get proper nourishment from feed and a decrease in calving—all traceable to worms. It has been shown that worms prevent full conversion of carotene into Vitamin A, an essential element necessary for high and continuous calf production. It has been observed that even though green forage is available, wormy cattle may be deficient in this vitamin.

Internal parasites also interfere with the absorption of essential minerals such as calcium and phosphorus. Other evidence of this costly enemy is the fact that worms retard normal metabolism of proteins thus decreasing the nutritive value of available food and preventing animals from making normal growth and weight gains.

FOR SALE SANTA GERTRUDIS HERD

3 herd sires



20 cows and calves

(cows are S)

25 heifers

(18 to 24 months old,

ready for classification)

FOR SALE AT LOWEST PRICES

E. C. CANALES

Box 114 - Phone 3876

Premont, Texas

RANGE or FEEDLOT

The Santa Gertrudis is a top performer. Its resistance to heat, drought, pests and pink eye, and its ability to gain on grass alone is making it more and more popular with cattlemen who demand a combination of ruggedness and quality beef.

Write Us for Information



SANTA GERTRUDIS BULLS

These young bulls will fit the needs of both Purebred and Commercial Breeders.

They have been raised in the Panhandle and have proved their ability to rustle for themselves and put on great gain.

CAMERON BEAM

WELLINGTON, TEXAS

To Hold NCHA Membership Meeting in Odessa in 1958

THE executive committee of the National Cutting Horse Association, meeting in Fort Worth April 14, decided to hold the 1958 membership meeting in Odessa, Texas, during the Sand Hills Hereford and Quarter Horse show.

American Beef Cattle Registry Association Meets In Louisville

THE American Beef Cattle Registry Association held its second annual meeting in Louisville, Ky., March 29-30 with a large representation of the major beef breeds present. The association now has 87 members from 17 states and Canada with upwards of 500 animals entered in the registry. Included are 376 Herefords, 52 Angus and 9 Shorthorns. These animals have all qualified under weaning weights or 140-day gain tests, or both, and certificates have been sent to their owners.

The association is conducting a membership drive, hopeful of becoming representative of all beef breeds.

Max A. Blau, Follett, Texas, (Hereford) is president; Glenn Burrows, Santa Fe, N. M. (Polled Hereford) is president-elect; Charles Coddling, Foraker, Okla., (Hereford) is first vice-president; F. R. Carpenter, Hayden, Colo., (Hereford) is second vice-president; C. A. Morrow, New Windsor, Md., (Angus) is third vice-president; and M. R. Calliham, Canyon, Texas, is executive secretary.

Directors are: Perry Lunsford, Dallas, Texas, chairman, (Hereford); Glenn Butts, Fairland, Okla., chairman-elect (Polled Hereford); Carlton Corbin, Ada, Okla., (Angus); A. K. Mayer, Tucson, Ariz., (Hereford); Henry E. Swanton, West Buxton, Maine, (Hereford); William B. Ellis, Cascade, Mont.; B. H. Graham, Paula Valley, Okla., (Angus); Percy G. Powers, Perryton, Texas, (Angus); Carl K. Butt, Clayton, N. M., (Hereford); Bill Littrell, Cimarron, N. M., (Hereford); and Robert C. Haigler, Bloomingburg, Ohio, (Hereford).

Fort Worth Horseshoe Club Children's Show June 8-9

THE Fort Worth Horseshoe Club will hold its seventh annual Children's Horse Show and Rodeo at the club's headquarters June 8-9. Classes will include conformation and horsemanship, barrel races, flag races, wild calf roping, riding, cutting and reining, and a calf scramble with cash prizes attached to the tails of the calves. One entry fee of \$2 will cover all classes. Only children under 18 years old are eligible to compete.

E. A. Corbett, show chairman, has announced that the premium list will approximate \$2500, including six \$225 hand-made saddles, several dozen beautiful trophies, ribbons and other prizes.

Pan-American Exposition Offers \$86,095 in Premiums

THE State Fair of Texas will award premiums totaling \$86,095 in its Pan-American Livestock Exposition and Junior Livestock Show during the 1957 State Fair, Oct. 5 through 20.

The total is \$2,945 more than the fair's 1956 premiums.

Pan-American premiums amount to \$68,533 for beef and dairy cattle, swine, sheep, Angora goats, horses and ponies. The Junior show premium list totals \$17,562 for dairy animals, steers, pigs and lambs.

Pan-American beef cattle premiums total \$24,000, with \$7,500 for Herefords, \$6,000 for Angus, \$4,500 for Brahman,

\$3,000 each for Santa Gertrudis and Shorthorns.

The dairy cattle premium total of \$17,700 is divided into \$5,700 for Holsteins, \$5,000 for Jerseys, \$4,000 for Guernseys and \$3,000 for Milking Shorthorns.

Of the \$12,910 allocated for the horse shows, \$4,000 will go to Shetland ponies, \$3,840 to Quarter horses, \$3,070 to Palominos and \$2,000 will be awarded in the open cutting horse contest.



To Be
Certain
of Your

CHAROLAISE

Breeding INSIST On Registry In

The American Charolaise Breeders Association
The Original and Oldest Charolaise Breeders
Association in the United States

AMERICAN CHAROLAISE BREEDERS ASSOCIATION

And

AMERICAN CHARBRAY BREEDERS ASSOCIATION

841 First National Bank Bldg.

Phone CApol 7-4482

Houston, Texas



Breeding The World's Largest Cattle

We have a Foundation Herd of Charolaise and Charbray Cattle based on Four years of Selective Breeding. Bloodlines from the Outstanding Herds in the Nation are represented in our cattle.

We are offering **FOR SALE** at prices attractive to the
Commercial rancher:

3/4, 7/8, 15/16 BLOOD BULLS

The largest Selection of Charolaise Blood in the Fort Worth Area

RAY CHAROLLAISE RANCH

FORT WORTH, TEXAS

MA 6-7651



GETS THE JOB DONE. \$1.00 PER TUBE
From your dealer or parcel post prepaid
From Us

JOHN B. STRIBLING & SON
1507 S. Oakes St., San Angelo, Texas

See Us for the Best in
Charolaise & Charbray
Cattle

Circle W Ranch

M. C. WILKIE

P. O. Box 1805 Ph. 9803 and 2-3697

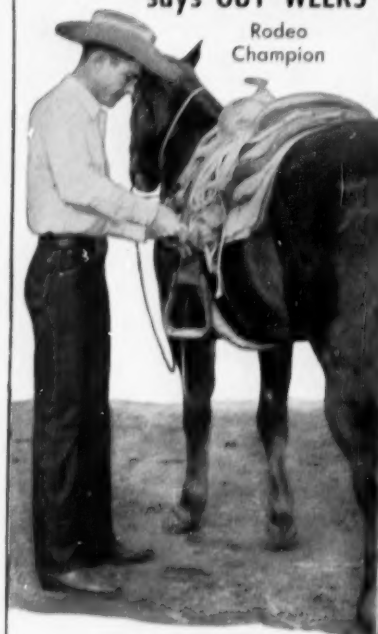
Alexandria, Louisiana

Member American Charolaise Breeders Association

Member American Charbray Breeders Association

Lee Riders

cowboy pants are a
CINCH for rough, tough
all-around wear"...
says GUY WEEKS



Rodeo
Champion

"you'll think so, too
once you try 'em!"

Look for this
curved stitching
on the hip
pockets that
identifies your
Cowboy Pants
as Lee Riders.



AT RETAIL STORES EVERYWHERE

See Your Lee Dealer

THE H. D. LEE COMPANY
KANSAS CITY, MISSOURI

BOOK MANUSCRIPTS CONSIDERED

by cooperative publisher who offers authors
early publication, higher royalty, national dis-
tribution, and beautifully designed books. All
subjects welcomed. Write, or send your MS
directly.

GREENWICH BOOK PUBLISHERS, INC.
Attn: MR. RUTHERFORD 489 Fifth Ave.
NEW YORK 17, N. Y.

Breeders Report Excellent Results
from Advertising in
The Cattleman

Texas Shorthorn Breeders Meet in Ennis

DIRECTORS of the Lone Star Short-horn Association met March 31 at the Gerald Tolleson place near Ennis, Texas, and approved a state-wide program of information and communications concerning the association and general news and information concerning the breed. Bill McDougall, Houston, was appointed to coordinate this work. The directors' meeting was held in conjunction with the field day sponsored by the Ellis County Shorthorn Breeders Association which was transferred to the gymnasium at Ennis because of a heavy downpour of rain. Dug Redden, Ennis, president of the Ellis county group, was in charge of the program.

The following officers and directors were present: Vernon Scofield, Austin, president; John P. Boren, Jr., Ennis, vice-president; N. L. Haupt, Jr., Bryan; Bernard Friedlander, Tyler; Jack Saul, Hutto; Frank Littret, Buda; Carl Duke, Oglesby; John Arden, Waxahachie; Dean Miller, De Leon, and Mrs. R. L. Hardy, Madisonville.

During the course of the field day program, Ted Aegerter, representing the American Shorthorn Association, presented W. R. Watt, president of the Southwestern Exposition and Fat Stock Show, with a trophy of a Shorthorn bull from the Shorthorn breeders and the association for the many favors and courtesies to cattlemen as manager of the show.

Texas Herd Second in Short-horn Registrations

THE FIRM of Otto Thiede and Sons, Burton, Nebr., recorded 156 head to top Shorthorn and Polled Shorthorn registrations for the second straight year, according to 1956 figures released by the American Shorthorn Breeders' Association.

Runnerup, also for the second year in a row, was the Lone Star Herd of R. E. Smith, Alief, Texas, which registered 115 animals. In 1955, Thiede recorded 171 head and Smith had 112.

Third place with 96 registrations went to another horned breeder, J. C. Price, Conrad, Mont.

Kaehler Bros., St. Charles, Minn., moved from eighth place in 1955 to lead the Polled Shorthorn recorders with 93, an increase of 26 over the previous year.

Second place in Polled recording again went to Lynnwood Farm, Carmel, Ind., with 89. Creekland Farms, Clinton, S. C., took third, with 85.

Range Riders Rodeo

The Will Rogers Range Riders of Amarillo, Texas, will hold their 14th annual show on July 3-7, inclusive. They will have a cutting horse contest on the 3rd and a rodeo each day, with two rodeos on July 4. The cutting horse contest will be held under the sponsorship of the Hi-Plains Cutting Horse Association. Prizes include \$750 in cash, with entry fees added.



CHUNKO DUKE MANSO

- One of Our Top Herd Sires
- Officially Performance Proven
- Sire of 1st Place Winners at Major Shows

FOR SALE

Outstanding Sons—Some Are of Breeding
Age—Some With Show Records

Also Breeders of Santa Gertrudis

FAY RANCH

CEDAR LANE, TEXAS

12 Miles Southeast Bay City

Office 1801 Dallas Ave., Houston - CA 70511

FOR SALE . . .

BULLS - BULLS - BULLS

Registered Brahman Bulls
Registered White-Faced Bulls
Santa Gertrudis Bulls
Bradford Bulls
Grade White-Faced Bulls

In Good Condition - All Ages
Ready for Service

FROST RANCH

Esperanza Bldg. Phone FA 3-9391 or JA 4-6965
Houston 2, Texas



At last, a low cost, completely automatic cattle oiler, one that animals can't tear-up, and won't wear out. Priced so low you can't afford to be without them. Easy to install. Attach to any post, anywhere. No service problems. Just fill 'em and forget 'em. Giant 3" marine rope provides perfect rubbing and scratching surface. Automatic valve releases just the right amount of oil onto rope as cattle use it. Oils cattle thoroughly. Nothing else like it! The "oiler of the future"! Install them now!

Accept This "FREE TRIAL" OFFER!
Try Rope-Wick Oilers at our risk! Write for Illustrated Literature, quantity prices, and 30-Day Trial Plan.
FARNAM CO. Dept. 8 8701 N. 29th, OMAHA, NEBR.

THE INAUGURAL INDIAN CAPITAL QUARTER HORSE SALE

**MONDAY, JUNE 10th
MUSKOGEE, OKLA.**

Sale starts at 1 p.m. in the Muskogee Stockyards Sale Pavilion located on the north limits of City between US Hwy's 69 & 62

SELLING 60 HEAD including studs, mares (mostly with foals at side), young stallions and fillies and a number of well schooled geldings and using horses.

The auction of ALL top quality, AQHA registered horses offers an unparalleled opportunity for buyers to select from a heretofore untapped reservoir of the improved descendants of many of the greatest Quarter Horses of all time.



THIS OFFERING HAS BEEN DISCRIMINATELY CHOSEN WITH THE IDEA OF MAKING THIS SALE AN ANNUAL ATTRACTION FOR TOP QUARTER HORSE PRODUCERS

FEATURED

Featured in this sale is the blood of and/or the breeding that produced such great foundation stallions as:
OKLAHOMA STAR P-6 by Dennis Reed

BERT P-227 by Tommy Clegg

WIMPY 2d P-3433 by Wimpy P-1

LEO P-1335 by Joe Reed 2d

CHICO P-226 by Zantanon

WAGGONER'S RAINY DAY P-13 and other top Waggoner studs

QUESTION MARK P-3237 by Plaudit

CHUBBY P-656 by Midnight

POCO BUENO P-3044 by King

VANDY P-43,628 by Going Light

THREE BARS—sire of Bob's Folly, whose 21.9 is new World record for 440 yds.

. . . and many others that have put many top rodeo hands a-horseback and which have produced many champions.

FOR CATALOGS WRITE . . .

SALE MANAGER, OBAL LASTER

BOX 25

MUSKOGEE, OKLAHOMA

CONSIGNORS

Reputation horses consigned to this sale will make lasting friends for these Oklahoma horsemen:

R. L. Stamper, Locust Grove

Nat Henderson, Stigler

Jessie Powell, Stigler

H. H. Darks, Wetumka

Norman Huggins, McCurtain

Garner Garrison, Braggs

Charley Ellis, Henryetta

Sam Shipley, Morris

Sam Johnson, Henryetta

J. C. Foster, Stigler

James Mikles, Stigler

Floyd Gale, Morris

French Bros., Ft. Gibson

and other top breeders whose consignments were not definite when this went to press.

AUCTIONEER . . .

Walter Britten

Tips On The Weather

By WALT THE WEATHERMAN

MARCH AND April, 1957, have been hectic months for Walt the Weatherman. My regular job is forecasting the weather for American Airlines. The particular area for which I regularly write forecasts is bounded on the east by Nashville, on the north by St. Louis and Wichita, on the west by Albuquerque and El Paso, and on the south by Mexico City. Old Mother Nature has really "thrown the book" at this area.

First, there was the big snowstorm centered in the Oklahoma Panhandle. Then, a tornado cut a swath through the west side of Dallas. The latest freeze on record extended south into Central Texas. Thousands of thunderstorms and hundreds of tornadoes have raked the middle of the United States from the southern tip of Texas to the northern tip of Minnesota, causing floods and much wind damage.

What has caused this radical change in the weather? Why is it so different from the hot drouth-ridden past eight years?

Pattern Difficult to Determine

Long-range forecasts are based on the assumption that a certain weather circulation pattern will persist during the forecast period. Nothing could be more difficult than the determination of this pattern. But let's assume that the dominant circulation can be forecast for the next week, month, or year. What sort of pattern would produce the wild spring weather we have been experiencing?

Just a few years ago weather thinking was considerably "shaken up" by the discovery of the "jet stream." A narrow band of high-velocity winds at upper levels, meandering around the earth like a river, simply didn't fit the meteorological concepts of the day. Last month,

we talked about the way low pressure areas tend to form beneath and slightly north of the "jet stream." In my article on tornadoes, several months ago, the "jet stream" was cited as a prime factor in the production of these destructive storms.

This spring Walt has noted that the "jet stream" has often been found near the Los Angeles-Phoenix-Albuquerque-Amarillo-Kansas City line. So let's say that along this path, at 25,000 feet, the wind has been blowing from the southwest at speeds well over 100 miles per hour. (Winds of this velocity certainly affect the ground speed of a high-flying DC-7.) This has been the dominant circulation pattern. Occasionally, an intense "low" forms in southeastern Colorado and remains stationary. This occurred in the case of the "big blizzard" that blanketed the area north of Lubbock to western Nebraska.

"Unstable" Atmosphere

Now, consider this. The circulation around a low pressure area is counterclockwise. If a "low" is centered somewhere in the area from southeastern Wyoming southward to the Big Bend area of Texas, it causes a south wind to blow strongly across Texas, Oklahoma, and Kansas. This south wind is moisture-laden, and it is warmer than the wintertime south wind. Afternoon high readings are in the 90-95 degree bracket in southwest Texas. When this warm, wet air reaches the "jet stream" location, it rises rapidly to form towering thunderheads. The warm air in the lower levels and the cold air aloft associated with the "jet stream" has created the "unstable" atmosphere where the air in the lower levels tends to rise.

This spring, the "jet stream" has dipped southward a few times with a path across northern Mexico and central Texas. Lines of severe thunderstorms and tornadoes have resulted.

During the recent drouth years, the "jet stream" remained well north of the position that has been common to Spring, 1957. This caused warm, dry west winds aloft and a "stable atmosphere." You might say that the break in the drouth over a large section of the southern Plains area of the United States has been brought about by a change in the path of the "jet stream" that has persisted during the first four months of 1957.

Walt is beginning to believe that the coming summer will be much more pleasant than the past several "scorchers." He is counting on a long-range persistence of the current weather pattern.

Allen Williams, Finney county rancher, has been appointed Kansas state brand inspector by Governor George Docking. Williams, who replaced Charles R. Lake, was recommended by the Kansas Livestock Association.

Breeders Report Excellent Results
from Advertising in
The Cattleman

You Can't Beat White's fashioned by artists in leather

Work Boots and Saddles that are durable—Dress Boots and Saddles for the most fastidious—Official Boot and Saddle Maker for World Championship Rodeos—Let Us Make Your Boots and Saddle.

Write for order blanks

L. WHITE

Boot and Saddle Shop

2461 NORTH
MAIN STREET
FORT WORTH 8,
TEXAS

Telephone
MA 4-2323



Boots and Saddles

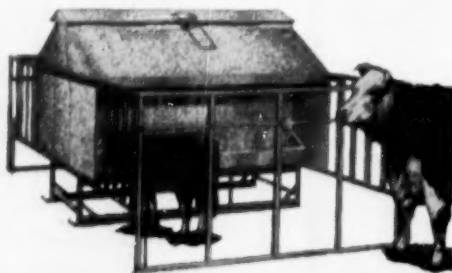


Artists
in
Leather
Since
1886

BROWER CALF "CREEP FEEDER"

- * KEEPS COWS OUT—
SAVES FEED
- * BIG CAPACITY—
SAVES TIME AND WORK
- * MORE PROFIT—
HEAVIER WEANING WEIGHT

Holds 30 bu. of feed—takes care of 40 calves. Designed to keep feed in hopper dry regardless of weather—no spoilage. One inch angle iron stalls keep out larger cattle. Stalls raise up and ride on canopy for easy towing through gates. Anchors solidly at all four corners—stays put.



Hopper and trough of heavy, rust-resisting Armco Zingrip. Sturdy steel skids. Shipped knocked down to save freight. Easily assembled.

Write for literature and prices

BROWER MANUFACTURING CO., Box 1905, Quincy, Illinois

Livestock Marketing Discussed at Institute Banquet

GENE GUNTER, president of the National Livestock Exchange, Wichita, Kans., and R. J. Riddell, executive vice-president, were the principal speakers at a membership banquet of the Fort Worth Livestock Market Institute held in Fort Worth April 3. Around 100 persons were in attendance including a number from the Union Stockyards, San Antonio, and the Port City Stockyards, Houston.

Riddell traced the growth and development of the non-competitive marketing of livestock in Canada from a small beginning until today when 90 per cent of the livestock are marketed without benefit of competitive trading. He mentioned four methods for marketing livestock in Canada: co-operative agency, direct buying by packing interests, the Dutch auction system and the rail weight and grade system.

The rail weight and grade system, he said, started with the initial idea of weighing and grading the animals and later drifted into the practice of adding the price tag that eliminates the producer from having the benefit of representation where his animals are being sold.

Fort Worth commission men were warned not to make the mistake that was made in Canada where they thought "it can not happen to us," and later awoke to the fact that it had happened.

He said he was not making a plea for the commission men individually, but he expressed the belief that if something should happen to our way of marketing livestock as it has in Canada, it would shake the foundation of the economic structure of our nation.

"What the livestock industry needs most," Riddell said, "is to have salesmen who are equally skilled in knowing the values of livestock with the buyer of the packing industry."

Gunter outlined some of the advantages the public terminal markets have to offer. He pointed out that George Washington was among the first to see the potential of our livestock industry, and he established a stockyards at Brighton, Mass., where buyers and sellers met and bargained.

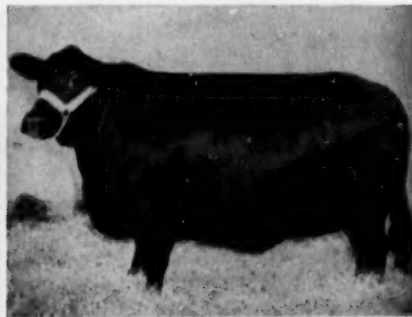
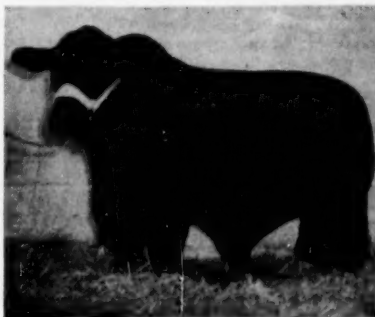
Gunter stressed that it is very important that all segments of the industry be represented by qualified agents when values are being established. He said terminal markets are the place where supply and demand come together and they establish the prices for the industry.

He pointed out that under the rail grade and dress basis the shipper was made to stand all risks of marketing: shrinking, crippling, death and condemnations.

At a meeting following the program, M. Z. Thompson was elected president of the Fort Worth Livestock Market Institute and Jerry Ralls and Harry Fifer were elected vice-presidents. Ted Goulby was re-elected secretary-treasurer-manager.

Brangus Produce

MORE BEEF AT LESS COST



Typical Champion Brangus Cattle—The Real Beef Type

Brangus is a breed of beef cattle developed in the United States by the use of Brahman and Aberdeen-Angus blood and has been accepted by cattlemen over the nation and in many foreign countries.

Brangus can do well for you because: They are easy to handle—have no horns—have great resistance to cancer eye and pink eye—are extremely hardy—solid black in color—adapt themselves to either heat or cold—are good milkers—make good gains under adverse conditions.

Contact any of the breeders listed below for information, and about purchasing Brangus cattle.

WILLOW SPRINGS RANCH Registered Brangus Cattle Matt M. Saylor, Mgr. Route 2, Burton, Texas Phone GR 6-8132 Brenham	WALTER POPE Phone 52118 Coalgate, Oklahoma
PALEFACE RANCHES Generations of Big Beef-Type Brangus Phone 40 Spicewood, Texas	CLEAR VIEW RANCH Raymond Pope, Owner 81 Brangus Ave. Vinita, Oklahoma
CLEAR CREEK RANCHES Frank & Dorsey Buttram Welch, Okla., & Grenada, Miss.	PAUL DAVIS FARMS 825 Northwest 2nd St. Oklahoma City, Okla.
BRANGUS BREEDERS Listings on this page are available for \$10 per month. Take advantage of this promotion designed to put your name before more than 28,000 cattlemen in 48 states and 40 foreign countries. The Cattleman, 410 East Weatherford, Fort Worth.	

Attention, South American Buyers: The breeders listed on this page can supply your needs for foundation cattle.

Ranch and Stock Farm Loans

in WEST TEXAS, NEW MEXICO & OKLAHOMA
Annual interest as low as 4%—10 to 20 years
Liberal Pay-Off Privileges
Refinance while interest is so low.

Southern States Loan Company

CHAS. M. HOLT, Pres. AMARILLO, TEXAS

Bill Gibbs Brokerage Co.

We buy and sell Registered and Commercial Cattle—Herd and Range Bulls—Ranch Loans and Oil Properties.
Specializing in Export Cattle, all Breeds.

1209 Burk Burnett Bldg.
FORT WORTH, TEXAS

Phone ED 5-4915

Res. Phone WA 3-1404

Pump Handle Pete Says:



A Short
Message To
Wise Well
Owners

"Even a tall man can be short
at the end of the month."

THE LOW INITIAL COST AND LOW OPERATING COST OF A RELIABLE

JENSEN JACK

WILL NEVER MAKE YOU SHORT . . . but you will be long on water . . . GET THE FACTS . . .

. . . you can get 'em mighty quick! Just drop us a card or letter.



END STUFFING BOX TROUBLE

Jensen's Self-Adjusting Stuffing Box stops loss of water . . . easier to re-pack . . . lasts longer.

JENSEN BROS. MFG. CO., INC.

1004 Fourteenth Street
Coffeyville, Kansas

JENSEN

WATER SYSTEMS

STOCKED BY YOUR LOCAL DEALER

WHR Bred Heifer Sale

SUMMARY
135 Females \$60,210; Avg. \$446

WYOMING Hereford Ranch, Cheyenne, Wyo., held its annual Bred Heifer Sale April 23, with 135 heifers selling in pen lots of three, four and five for an average of \$446.

This was the first WHR sale held since the purchase of the ranch by G. C. Parker, Tulsa, Okla., owner of Par-Ker Hereford Ranch, Chelsea, Okla., and Mr. and Mrs. T. E. Leavey, Los Angeles, Calif. The new owners took over the operation of the ranch in January and appointed George Lazear, son of the late Bob Lazear who managed the ranch for over twenty years, as manager.

Lazear stated in opening the sale that the policy of WHR would remain unchanged and the operation of the ranch would go on as usual. He further stated that WHR is still fully dedicated to the improvement of Hereford cattle, as it has been for the past twenty years since its founding.

The top selling pen of heifers was a pen of three that sold bred to Vern Diamond, the leading WHR herd sire imported from England. The three heifers sold to H. M. Boulbee, Vancouver, British Columbia, for \$1,050. W. Sherman Burns, owner of Mead Creek Hereford ranch, Sheridan, Wyo., paid the second top price of \$1,000 for a pen of five heifers, all carrying the service of Vern Diamond. Conner Hereford Farms, Jackson, Mo., was a major buyer at the sale, taking several of the top pens of heifers. P.C.R. Ranch, Colorado Springs, Colo., took the third top selling pen of five at \$850. They sold bred to WHR Target 43d.

Cols. Charles Corkle and Jewett Fulkerson were the auctioneers.

Post Stampede Rodeo May 15-18

MORE than \$3500 in cash prizes are offered in the Post Stampede Golden Jubilee Rodeo to be held at Post, Texas, May 15-18. The show is for non-professional performers only and entries close at 1 P. M. May 15.

Events include bareback riding, calf roping, saddle bronc riding, wild steer riding, heading and heeling contest, cutting horse contest and cowgirl sponsor contest.

Robert Koonce, Jayton and Avery Moore, Post, will judge the contests.

NEWS, PICTURES, STORIES ABOUT HORSES



Every issue crammed with stories on various breeds. Arabians, Palominos, Morgans, Quarter Horses, Thoroughbreds, Tenn. Walkers, Saddle-breds, Appaloosas, also Rodeos, cutting horses, riding clubs. How-to-do-it article in every issue. Tells how horses are used and enjoyed. (20th year publication.) Subscription starts magazine coming immediately. Costs less than a cent a day to enjoy this magazine. Twenty issues only \$5.00, ten issues \$3.00.

Published Bi-Monthly — Order Your Subscription today. Now Combined with "Back in the Saddle" Magazine.

HORSE LOVER'S MAGAZINE

P. O. BOX 1432

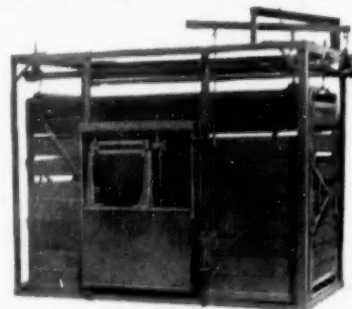
RICHMOND 4, CALIFORNIA

On Sale at the Larger News Stands.

THE TWO GO TOGETHER



PORTABLE leads the way again with a chute for every need—four sizes—fourteen models.



Portable Truwate Livestock Scales—just the Scales you waited for.

Before you buy, write:

Mogford Industries
Crystal City, Texas

21st Annual SONOITA QUARTER HORSE SHOW

* * *

May 26, 1957

* * *

Halter and performance classes
for Registered Quarter Horses.
AQHA & AQHBA (approved)

* * *

Entries Close May 10th
For Entry Blanks Write

BILL HOLBROOK

Patagonia, Arizona

Breeders Report Excellent Results
from Advertising in
The Cattlemen

KILL screw worms



Now! A faster and easier way to kill screw worms! Simply squirt Mar-Dane 1883 direct from the can into the wound. Contains LINDANE for fast, sure killing action. Leaves a long-lasting plastic-type residue to repel and kill flies.



C. J. Martin & Sons manufacture a complete line of livestock and poultry pharmaceuticals. Ask your dealer or write for information.

CATTLEMAN'S CUTTER

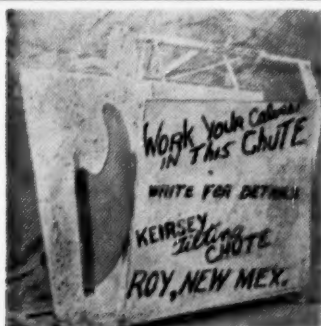
famous **ROTO-SPEED** rotary cutter



SHREDS STALKS CUTS STUBBLE CLEARS LAND, TOO!

mows and mulches pastures, encourages fresh tender growth, pays off in extra beef and milk

LILLISTON IMPLEMENT CO.
ALBANY, GEORGIA • WACO, TEXAS



Cattle Industry Needs Greater Public Understanding

(Continued from Page 29)

population and low prices for the cattle. Now that rain has come to many areas, they are furrowing their brows over how they can best plan to emerge from the mountain of debt that bears down on them.

They need help.

Specifically, they need government assurance of the kind of low-cost, long-term credit that is available to other industries. Today no cattleman can borrow for more than one year on a cow that will live and produce calves until she is ten or twelve years old. And on the money he does borrow he must pay a killing high rate of interest.

As one hard-pressed rancher has stated it, "It seems that these so-called emergency loans (under the F.H.A. emergency relief category for farmers and ranchers) are on exactly the same basis as any insurance company loan—if a person could qualify the government loan he could also qualify for the low-rate loans issued by the insurance companies."

And this rancher asked: "Are we small ranchers going to have to starve and go broke paying high interest and being turned down for further loans so we can't even feed the cattle to keep them from starving?"

Deferred Grazing Program Bill

Cattlemen also need an opportunity to give their drouth-devastated range pastures a chance to recover their productivity. That is the purpose of a deferred grazing program bill I introduced in the Senate early this year and a number of Texas representatives introduced in the House. Letters I have received from all parts of the Texas cattle country set forth compelling evidence of the great need for this program. I hope it will have been enacted into law by the time this appears in print.

Cattlemen need to have protein feed concentrates included in the drouth disaster relief program. Provision to do this was originally one section of the deferred grazing bill, but both Senate and House committees separated the two plans.

Also in the field of government action, the cattlemen need the kind of self-help legislation that would permit the deduction by a marketing agency of a per capita levy on livestock sold in order to finance a meat promotion program. That would combat the present trend under which red meats are losing ground to poultry, fish and other products. Legislation in this field has been introduced in Congress and was the subject of committee hearings early in April.

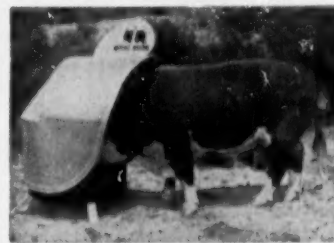
Self-help is a term that has a strong appeal to the traditionally individualistic cattleman. And there are, of course, important actions that the industry needs to take on its own initiative to improve its position.

Cattleman Offers Suggestions

In preparing this article, I asked a prominent Texas cattleman, long in the

The WHIRLWIND FEEDER

for Mineral and Salt



- ★ PORTABLE
- ★ ALL-STEEL CONSTRUCTION
- ★ PROTECTED AGAINST CORROSION

Our many repeat customers prove that the Whirlwind Feeder is doing its job well.

STANDARD SIZE (for Mineral Feeding)
\$44.50 f.o.b. RALLS, TEXAS

LARGE SIZE (for Creep and Salt Control Feeding)
\$59.50 f.o.b. RALLS, TEXAS

(Cash with order or 1/4th down, remainder C.O.D. please)

For more information see your local Feed Dealer or write

COLLIER
LIVESTOCK FEEDER CO.
Box 896-C, RALLS, TEXAS

HEADIN' FOR

El Paso

PARDNER?



Cattlemen are always welcome at the Paso del Norte where real "Old West Friendliness" prevails. Conveniently located downtown. El Paso's only hotel with adjoining garage.

R. L. Miller,
Manager

- DRY AIR-CONDITIONED
- GARAGE ADJOINING
- 300 ROOMS



HOTEL
Paso del Norte
EL PASO, TEXAS

SILVER KING
"KING OF THE CATTLE CHUTE WORLD"
The Original
3 IN 1 CATTLE CHUTE



All new pipe! 5 models with or without wheels and loading feature. Exits provide cutting chute. Stanchion type headgate if desired.



- FEEDERS
- GATES
- COMBINATION CHUTE & SCALE

Write for Free Catalog
HELDENBRAND & SON
P.O. BOX 2367 • Phone REgent 6-5757
OKLAHOMA CITY, OKLAHOMA

HERE IT IS!
IT'S NEW! IT'S FABULOUS!
FREE 94 PAGE
WESTERN CATALOG
WESTERN WEAR for MEN - WOMEN - CHILDREN
CANTER'S WESTERN CORRAL
122 Midwest Dr. Dept. C. Cheyenne, Wyo.

FREE CONTEST
VALUABLE PRIZES
FINDING
"MOST
HAPPY
FELLA"
IN U.S.

business, what the cowman must do to help himself out of his present difficulties. He offered several concrete suggestions, among them the following:

"Pull in his belt, cut expenses and quit spending money he does not have to.

"Be more efficient. In Texas we still are far behind other states in calf crop percentage. Many states are saving 85 to 95 per cent of their calves. In Texas we still are getting less than 75 per cent. No industry can expect to operate on that low efficiency.

"Get modern. Put into practice some of the proven results of our Extension Stations that will result in more calves, less death loss, heavier and quicker maturing cattle.

"Better marketing methods. It burns me up to see the big runs at all central markets every Monday morning. Packers will take all week to kill the cattle that are jammed into stockyards the first two days of the week. Surely these receipts could be spread out in an orderly way."

Those forthright suggestions, let me emphasize again, come from a man who knows the cattle business from all angles. His comments deserve consideration by his fellow-ranchers.

Beef Consumption on Decline

The hard fact has to be faced that per capita meat consumption has not kept up with increases in per capita income. Economists of the U. S. Department of Agriculture have predicted a decline in the per capita consumption of beef from last year's figure of about 83 pounds per person to around 74 pounds per person by 1960 or 1962.

This prediction poses a challenge to the cattle industry that it must meet if

it is to pull out of its present troubles and get back on a sound economic basis. Personally, I have solid faith that the challenge will be met. The kind of men who constitute the human side of the ranching business do not give up easily. The experience of the past few years is proof enough of that.

A sick cattle industry is bad for the whole country. A healthy cattle industry is good for the whole country. Those are two fundamental facts that need to be told—repeatedly and convincingly—to the American people and to their representatives in the Congress.

As senator from Texas, I will continue to do my best to present the facts regarding this great Texas business. I solicit and will be grateful for the co-operation of members of the Texas and Southwestern Cattle Raisers Association in my endeavors. The Association is an organization for which I have the utmost respect and with whose officials and members I am always glad to work.

Hull-Dobbs Polled Herefords Sell For An Average of \$929

SUMMARY			
17½ Bulls	\$25,675; Avg.	\$1,467
39 Females	26,835; Avg.	685
56½ Head	52,510; Avg.	929

THE Hull-Dobbs ranches Second Annual Production sale was held at the headquarters ranch near Walls, Miss., April 2. A top offering of Polled Hereford cattle attracted a large crowd of interested spectators and buyers with cattle selling into 11 widespread states.

A Hull-Dobbs bred bull, Polled Zato Heir 27th, a son of TR Zato Heir 27th, owned jointly by Hull-Dobbs and Turner Ranch, Sulphur, Okla., was a feature of the sale when a one-half interest was sold to a three-way-partnership including Double E. Ranch, Senatobia, Miss., Murrieta Hereford Ranch, Murrieta, Calif., and Dr. Carl Allen, Hemet, Calif. The other half interest was retained by Byrle Killian, Stillwater, Okla.

The second top bull was purchased by Ault & Co., Charleston, Mo. He was HDR Royal Domino 18th, an April 1955 son of HDR Royal Domino and out of a Gatesford Victor Domino 26th dam. A top son of CMR Larryrol 15th out of a Domestic Mischief 53rd dam sold to W. C. Bryant, Dorena, Mo., on the bid of \$3,200.

Topping the female offering was a polled daughter of TR Royal Zato 27th that sold open with a breeding privilege to Dr. J. N. Thompson, Pottsville, Ark. Second top female at \$2,200 was HDR Royal Lady 16th, purchased by W. D. Cannon, Brownsville, Tenn., who was a consistent buyer of the top heifers offered. A show heifer, HDR Royal Maid 14th, sold for \$2,000 to Malone Ranch, Meridian, Miss. She sold bred to the Register of Merit Sire, Gold Mine.

Cols. Jewett Fulkerson and A. W. Hamilton were the auctioneers.

All progressive cattlemen read

The Cattleman

squirt



K-R-S Liquid kills infesters on contact, prevents reinfestation, promotes healing.

K-R-S® knocks out maggots and screw worms fast!

smear



K-R-S Smear — first with both lindane and diphenylamine for larval kill and wound protection.



CUTTER LABORATORIES,
Berkeley, California

Texas-Oklahoma Hereford Breeders Elect Officers

THE Texas-Oklahoma Hereford Breeders Association held its spring meeting in Wichita Falls April 5 and elected Dr. George A. Tallant, Frederick, Okla., president. Henry Arledge, Seymour, Texas, was elected vice-president; Jack H. Martin, Wichita Falls, treasurer; Max Carpenter, Wichita Falls, secretary; and W. B. Hamilton, Wichita Falls, chairman of the board. Hamilton is the retiring president.

New board members include Tommy R.

Medders, Jr., Wichita Falls; Logan D. Hyder, Chattanooga; Charles Neblett, Jr., Stephenville, Texas; Lee Atkinson, Throckmorton, Texas; James P. Boddy, Henrietta, Texas; G. C. Parker, Tulsa, Okla.; J. S. Bridwell, Wichita Falls, Texas; J. K. Dobbs, Fort Worth, Ralph E. Fair, San Antonio; W. H. Hammon, Wichita Falls; Haskell Holloman, Frederick, Okla.; Glen Turner, Dallas; Jack Ellis, Wichita Falls; and Paul Colvert, Ardmore, Okla.

Under discussion during the meeting was a proposal to investigate the possibility of adding a range bull sale for

small ranchers to the yearly Iowa Park Fair. A three-man board composed of Fenton Dale, and Joe Price of Iowa Park and Max Carpenter of Wichita Falls which has been working on arrangements, expressed the desirability of such a sale which would be held after the regular show sale. Iowa Park has scheduled this year's show from Sept. 23-29.

Dr. Tallant called upon members of the association to work toward building the annual Wichita Falls bull sale, scheduled December 6, into one of the country's largest.

SOUTHWESTERN CATTLEMEN

Producers of fine quality beef cattle

Registered Herefords
See Us for
Range and Herd Bulls



Horseshoe "D" Ranch

Johnson City, Texas

W. T. Waggoner Estate

Vernon, Texas



Quality
Commercial
Herefords

Yearling Steers and Heifers

Ranch located in Wilbarger, Baylor, Wichita,
Foard, Knox and Archer Counties, Texas

KIRK EDWARDS

**HENRIETTA,
TEXAS**



Quality Commercial Herefords

Feeder Calves, Replacement Heifers & Bulls

Ranch located in Archer and Clay counties, Texas.

J. A. Matthews Ranch Co.

**ALBANY,
TEXAS**

Joe B. & Watt
Matthews, Mgrs.



Quality Commercial Herefords

Feeder Calves, Yearlings and Stocker Heifers

Ranch located in Throckmorton and Shackelford
counties, Texas

Runnells-Pierce Ranch

(Partition of Pierce
Estate)

Wharton, Texas

Sam T. Catbirth,
General Manager



**Registered Fullblood Brahms
and Quality Crossbred Cattle**

Feeder Calves, Stocker Heifers

Ranches located in Wharton and
Matagorda counties, Texas

Jack Frost Ranches

Tower Petroleum
Bldg.

Dallas, Texas



Quality Commercial Hereford

Feeder Calves, Stocker Herefords

Ranches located in Nolan, Kent and
Deaf Smith counties, Texas.

**BREEDERS OF
BRAFORD CATTLE**

*We have some yearling bulls
for sale.*

L RANCH COMPANY

La Ward, Texas

Contact Tom Holstein

Phone 113

LEAGUE RANCH



**Registered and
Commercial Herefords**

Benjamin, Texas

Jack Idol, Manager

McDannald Ranches



**Quality Commercial
Herefords and Angus**

A. T. McDannald, Owner
Box 2972 - Houston, Texas

Ranches in Park and Jefferson Counties, Colo.,
and Harris County, Texas



FOR QUALITY COMMERCIAL CATTLE contact any of the ranches listed on this page. All of these ranches maintain membership in the Texas and Southwestern Cattle Raisers Association. Stray cattle or cattle of questionable ownership bearing brands shown should be reported to this Association. Advertising service in this section is available to members of this Association. Write: The Cattleman, 410 E. Weatherford, Fort Worth, Texas.



TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSN.

410 EAST WEATHERFORD, FORT WORTH 2, TEXAS

OFFICERS

JOHN BIGGS	PRESIDENT
EDGAR HUDGINS	FIRST VICE-PRESIDENT
NORMAN MOSER	SECOND VICE-PRESIDENT
M. A. FULLER	TREASURER
CHAS. A. STEWART	SECRETARY-GENERAL MANAGER
ERNEST DUKE	ASSISTANT SECRETARY
C. E. HODGES	ASSISTANT SECRETARY
JOE G. MONTAGUE	ATTORNEY

PAST PRESIDENTS

Holman Cartwright, Dinero	Jack Roach, Amarillo
W. T. Coble, Amarillo	Jay Taylor, Amarillo
Bryant Edwards, Henrietta	C. E. Weymouth, Amarillo
Claude K. McCan, Victoria	Ray W. Willoughby,
Roy Parks, Midland	San Angelo

HONORARY VICE-PRESIDENTS

C. K. Boyd, Devers	Richard King, Corpus Christi
A. E. Gates, Laredo	R. J. Kleberg, Jr., Kingsville
Ewing Halsell, San Antonio	Joe Matthews, Albany
A. C. Jones, Beeville	G. R. White, Brady

BOARD OF DIRECTORS

Tobin Armstrong, Armstrong	Karl Leediker, Crockett
H. G. Barnard, Tulsa, Okla.	Frank Lewis, Bay City
George Becker, Kaufman	W. J. Lewis, Jr., Clarendon
George Beggs, III, Fort Worth	George Light, III, Cotulla
Col. John M. Bennett, Jr.,	Reese B. Lockett, Brenham
San Antonio	Jack B. Love, Llano
Lee T. Bivins, Amarillo	Ed Lowrance, San Antonio
W. T. Bonner, Gainesville	J. B. McCord, Coleman
E. S. F. Brainard, Canam	J. C. McGill, Alice
J. S. Bridwell, Wichita Falls	Carter McGregor, Jr.,
Dolph Briscoe, Jr., Uvalde	Wichita Falls
R. A. Brown, Throckmorton	Jack Mansfield, Vega
Stanton Brunson, Crosbyton	H. H. Matthews, Sabinal
D. Burns, Guthrie	Watt Matthews, Albany
Bob Cage, Eagle Pass	T. C. Meador, Eldorado
G. R. Canada, Anahuac	L. M. Mertz, San Angelo
Walter W. Cardwell, Sr.,	Albert Mitchell, Albert, N. M.
Luling	Joe C. Mitchell, Marfa
Ben H. Carpenter, Dallas	Hilmer Moore, Richmond
Frank H. Chappell, Jr.,	H. H. Moore, Navasota
Lubbock	Warren Moore, Alvin
Woods Christian, Mission	Alfred Negley, San Antonio
David S. Combs, San Antonio	R. J. Nunley, Sabinal
Hal Cooper, Ft. Supply, Okla.	Thomas M. O'Connor, Victoria
Fred Craddock, Pawhuska,	J. G. Phillips, Jr.,
Okla.	West Columbia
J. M. Crews, Childress	L. W. Pierce, Jr., Lindale
H. Mason Crocker, Brady	T. J. Poole, Jr., Bay City
Mit Dansby, Bryan	Foy Proctor, Midland
G. Cameron Duncan,	F. B. Pyle, Sanderson
San Antonio	Watt Reynolds, Fort Worth
Tom East, Jr., Hebbronville	M. H. W. Ritchie, Paloduro
Joe B. Finley, Encinal	Howard Rivers, III, Elgin
H. G. Flowers, Aspermont	T. L. Roach, Jr., Amarillo
Jack Frost, Dallas	J. W. Sartwell, Houston
Albert E. Gates, Laredo	Tom B. Saunders, Fort Worth
H. P. Guerra, Roma	Harry Scaling, Bellevue
O. C. Hadden, Ponca City,	Clarence Scharbauer, Midland
Okla.	Stuart Sherar, Houston
J. K. Haley, Jr., Mt. View, Okla.	Jack Shelton, Romero
Furd Halsell, Fort Worth	Howell Smith, Wichita Falls
George Halsell, Fort Worth	Dick Snyder, Clayton, N. M.
Newton Harrell, Claude	W. G. Swenson, Stamford
R. H. Harris, Jr., Uvalde	Jack Turner, Fort Worth
A. H. Heiner, Beaumont	Billy Wallace, Clairemont
J. J. Helm, Antlers, Okla.	Lafayette Ward, Jr.,
Fred A. Hobart, Pampa	San Antonio
Gage Holland, Marathon	W. R. Watt, Fort Worth
Harry Hudgins, Sherman	Leo J. Welder, Victoria
J. F. Jackson, Groesbeck	J. T. White, Hearne
Ralph A. Johnston, Houston	W. W. White, Mason
W. W. Jones, Corpus Christi	Roger Williams, Victoria
Cleve Kerr, El Paso	Harrie Winston, Snyder
T. A. Kincaid, Ozona	Lawrence Wood, Refugio
R. M. Kleberg, Jr., Kingsville	F. R. Wulff, Jr., Brady
H. L. Kokernot, Jr., Alpine	

FIELD INSPECTORS

N. B. Albright	95 Brown Drive, Amarillo
Allee, Warren P.	Box 454, Carrizo Springs
Anderson, H. C., Jr.	2371 Orange, Beaumont
Davis, Vern E.	Gen. Del., Big Lake
Dick, J. C.	Box 12, League City
Drace, Dub.	3707 23rd St., Lubbock
Dunham, Jeff	Box 291, Graham
Eckols, Buck	Rt. 2, Box 230B, Liberty
Flowers, Dennis E.	303 N. Robertson, Bryan
Flowers, Dennis T.	Box 1256, Marfa
Hodges, John Ely	137 Grapeland, San Antonio
Hull, Jack J.	Box 1045, Pawhuska, Okla.
Jefferies, Alan T.	Box 92, Clarendon
Lansford, G. L.	Box 201, Hebbronville
Luman, James Wm.	427 Whittenburg, Borger
McDaniel, Howard D.	725 W. Kansas Ave., Midland
Mims, Jack H.	Box 21, Canadian
Parker, Bonnard Lee	Box 786, Tahoka
Peeler, Travis Lee	Box 303, Kingsville
Perkins, James C.	Box 457, Calvert
Porter, Herman O.	Box 483, Brady
Potts, Murray F.	1118 Grosvenor Blvd., San Antonio
Rosenthal, Coy T.	Box 364, Antlers, Okla.
Stewart, John L.	3733 W. 7th St., Fort Worth
Stiles, Joseph L.	Box 40, Sweeny
Stoner, George O.	Box 254, Houston
Stout, Lester K.	1908 E. Guadalupe, Victoria
Strickland, A. B.	Box 127, Buda
Tinsley, T. O.	P. O. Box 535, Gladewater
Turner, Marvin	Box 254, Walters, Okla.
Vivian, Leon T.	George West

MARKET INSPECTORS

Abilene and Sweetwater	{H. M. Moore, Jr., Box 1461
Alice	{J. V. Waldrop, 1601 Sycamore St.
	Walter King, Box 502
Amarillo, Box 5056, N. Amarillo Station	{C. R. Ails
	{W. I. Bennett
	{F. E. Schottlander
	{Jack Yale, Jr.
Austin	Ray B. Wilson, Jr., 2900 E. 5th St.
Denver, Colo.	K. K. Hartmann, 220 Livestock Exch. Bldg.
	{M. O. Cannon
	{O. O. Cannon
	{A. D. Daugherty
	{Mrs. Hattie Hodges
Fort Worth, 121 E. Exchange Avenue	{A. H. Morrison
	{V. P. Phelps, Jr.
	{E. R. Peacock
	{F. E. Peacock
	{E. N. Portwood
	{J. O. Shawver
	{G. M. Brooks
Houston, 4905 Calhoun Road	{Max R. Buchanan
	{John W. Smith
Kansas City, Mo., 708 L. S. Exch. Bldg	C. C. Conser
Lubbock, 419 13th St.	{Mrs. J. W. Drace
	{M. O. Singleton
Oklahoma City, Okla., 228-A L.S. Exch. Bldg.	{O. L. Conner
	{T. E. Moffett, Jr.
	{A. E. Becker
	{Glen O. Hummel, Jr.
	{Miss Myrtle Jacobs
	{T. L. Luker
	{Frank R. Savage
San Antonio, P. O. Box 800	
Texarkana	James H. Rhea, Box 512, Texarkana Stk. Yds.

The cost of membership in the Association is \$6.90 annual dues and 12 cents per head per year assessment on the number of cattle rendered.

The Association employs inspectors at the markets and principal shipping stations on the range. Field inspectors are also employed to travel over the range country and investigate reports of cattle stealing, etc. Association attorneys assist in the prosecution of those charged with theft of cattle owned by members.

Write for Information About the Texas and Southwestern Cattle Raisers' Association, Chas. A. Stewart, Secretary, Fort Worth

YOU ARE INVITED

TO ENJOY THE SATISFACTION of being actively identified with other leaders in promoting the welfare of the livestock industry.

TO ENJOY THE PROTECTION and services of a staff of nearly 150 workers, trained and experienced in the problems of your industry.

TO ENJOY THE BENEFITS of belonging to the oldest and largest organization of its kind in America.

Membership dues are governed by the number of cattle owned and is computed on the following basis:

Annual dues \$6.00

65% of cattle owned (not less than 50 head) at 12c per head.

The Cattleman magazine yearly subscription (optional) \$3.00

National Live Stock and Meat Board (optional) 1c per head. \$

Total includes dues, cattle rendered, The Cattleman and NLSMB \$

If you prefer you may just show the number of cattle you wish to render and we will mail your statement for correct amount of dues.

Fill out the application below, enter your brands on the back, tear out and mail today to Texas and Southwestern Cattle Raisers Association, 410 East Weatherford Street, Fort Worth, Texas.

19

To the President and Members of the Texas & Southwestern Cattle Raisers Association:

The Petition of the subscriber represents that he is desirous of becoming a member of the Association and I CERTIFY THAT I HAVE RENDERED NOT LESS THAN 65% OF THE CATTLE I AM HANDLING. In case of acceptance I agree and bind myself to conform to the By-Laws governing the Association, and to pay all dues, assessments and other charges provided for by the Association, at Fort Worth, Texas.

Name
(Print Name)

Ranch is located

Mailing Address

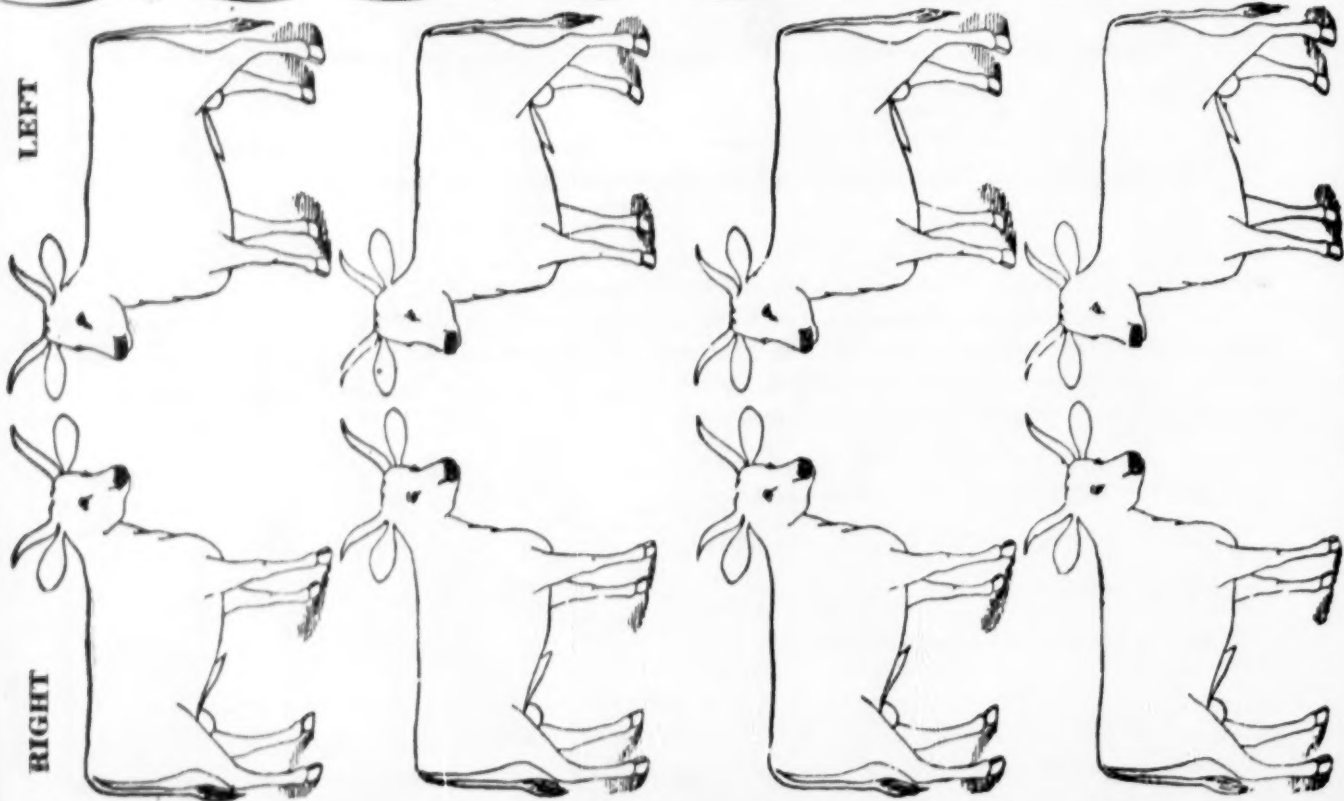
Enter here 65% of cattle owned (No. head)

Signature of Applicant

(Over)

REMARKS

(For Instructions See Other Side)

HORSE BRANDS**LEFT****RIGHT**

Livestock Markets Review

Price Range at Fort Worth, Houston, San Antonio and New Orleans During Past Month

FORT WORTH Rather light supplies of mature cattle were offered on the Fort Worth Livestock market during April, while prices on most classes showed an upward trend. Total cattle receipts on the local market during the first three and one-half weeks of Spring were about 1,300 head short of a year ago, while calves show a similar gain over a year ago. Local hog receipts this month were about 1,400 short of a year ago, but sheep and lamb supplies were 10,000 more than for the same period in April last year.

Recent sales of good and choice slaughter steers were \$1.50-2.50 higher than a month ago and utility grades steady to \$1.00 higher. Heifers were \$1.00-3.00 higher. Utility and commercial cows were steady to \$1.00 higher, with canners and cutter cows 50c-\$1.00 higher. Most bulls were steady, with some cutter bulls \$1.00 higher. Slaughter calves were \$1.00-2.00 higher than a month ago. Most stocker and feeder cattle and calves were steady to \$1.00 higher than a month ago, but some of the stocker calves were a little lower.

Around one third of the mature offerings in the cattle yards this month were cows and a good share of the remainder yearlings, both steers and heifers, including some just above the calf age. Good and choice slaughter steers and yearlings crossed the scales from \$20.25-24.00, including choice heifers to \$24.00 and high choice county show yearlings to \$24.50 and individuals to \$25.00. Steer sales included weights from 1,100 to 1,427 lbs. while many of the yearlings were 550 to 870 lbs. Standard grade yearling steers and heifers cashed from \$17.50-20.00, with cutter and utility grades from \$11.00-16.00.

SAN ANTONIO All cattle classes, with the exception of slaughter cows, showed price advances in trading on the San Antonio market during April. Slaughter cows were 50c-1.00 or more lower, as com-

pared with prices at the close of the previous month.

Slaughter steers and yearlings were 50c-\$2.00 higher and slaughter heifers were 50c-\$1.50 up. Bulls and stocker calves were steady to 50c higher while slaughter calves were up 50c-\$1.00.

Bulk of high standard to average good slaughter steers and heifers scaling 525-750 pounds moved in a \$19.50-22.00 price spread. Average to high good scored \$22.00-23.50 and small lots mostly high good to low choice were taken at \$23.50-24.25. A moderate volume of mostly

standard sold at \$18.50-20.00 with Utility to low Standard at \$17.00-18.50.

Bulk of cutter and utility cows earned \$10.50-13.00 with utility going at \$13.00-14.25. Loadlots of high-yielding utility to commercial ranged \$14.25-15.00. Canners and cutters claimed \$8.50-11.00, mostly \$9.00 up. Utility to commercial bulls scaling more than 1,000 lbs. sold in a \$13.50-14.75 spread with a few individuals touching \$15.00. Cutters and weights under 1,000 lbs. took \$12.00-13.50.

Bulk of average standard to average good slaughter calves cashed at \$19.00-

Safeway Stores Demonstrate Facilities

Earl Cliff, Safeway Division Manager, extreme right, and District Manager Carl Foster at his side, discuss Retail Store facilities with group. (l to r) Back to camera—A. V. Morrison, Garland, Ernest Duke, Ted Alexander, J. B. McCord, Carr Pritchett, Joe Finley, Jr., W. R. (Bud) Thurber, Carl Foster and Earl Cliff.



A GROUP of cattlemen from all areas in Texas had an opportunity to look over the new and excellent facilities which Safeway Stores have established in Dallas. This group was entertained at a dinner at the Adolphus Hotel in Dallas on Sunday night and the next day were taken on a tour through their modern warehouse at Dallas.

One of the most interesting phases of the entire program was a meat-cutting demonstration in which a side of beef was cut, wrapped and prepared for retail sale. Each cut was weighed and the percentage of each cut of the entire carcass was figured. Cattlemen were shown in this demonstration how much of the

carcass was put in the tallow barrel and how much in the bone pile. Each cut was then priced at what it would sell in Safeway Stores that day. A 286-pound side of beef, which cost 37 cents a pound, or a total of \$105.82, was priced later at \$136.32, allowing a profit of \$30.50 on the side. Many were surprised to learn that only 13 pounds, 11 ounces of the 286-pound half carcass was cut into T-bone steaks, which retailed at \$1.13 per pound. Bones counted for 30 pounds, 9 ounces, and suet 41 pounds, four ounces. The bones brought three-fourths a cent per pound and the suet one and one-half cents.

Earl Cliff, division manager, was host to the group.

Announcing — Angus Stocker - Feeder Sale

Thursday, June 13, 1957, Union Stock Yards San Antonio

Sponsored by

TEXAS ANGUS ASSOCIATION

in Cooperation with the Commission Firms and Stock Yards Company

UNION STOCK YARDS SAN ANTONIO

For the High Dollar, Sell Your Livestock at the

New Orleans Stock Yards, Inc.

LIVESTOCK RECEIVED
ANYTIME, DAY or NIGHT

The Oldest Central Market in the Deep South

Five Bonded Commission Merchants for Your Protection

FOR INFORMATION
PHONE - WIRE - WRITE

1869 — Eighty-Eight Years of Unexcelled Service — 1957

6807 N. Peters St.

NEW ORLEANS, LOUISIANA

Phone CRescent 3771

21.00, with a modest supply of mostly good going at \$21.00-22.50. Small lots of high good to low choice earned \$23.50-24.50. Standard ranged at \$18.00-20.00 and utility to low standard cashed at \$16.50-18.50 with culls at \$16.00 and less.

HOUSTON Trading was generally active for the supplies of cattle on hand at the Port City Stockyards during the past month but some slow movement occurred at times when cooler supplies backed up due to higher asking prices. Cows comprised the bulk of the salable supply with a fair sized portion of these going in stocker channels. The number of fed yearlings decreased steadily as feed lots neared the empty stage. Bulls were fairly plentiful, the supply adequate for the demand. Complete clearance was affected most every day. The total salable receipts for the month amounted to about 4,900 cattle about 1,250 head more than arrived the preceding month and about 1,100 head over the number offered the period of last year. Slaughter yearlings advanced about \$1.00 during the month, slaughter cows and bulls about 50c higher, stocker yearlings were \$1.50-2.00 higher while cows held about steady. A few small lots of good slaughter yearlings sold from \$21.00-23.00, standard from \$18.00-20.00 and cutter and utility from \$14.00-18.00. Utility slaughter cows went from \$12.00-13.00 with commercial to \$14.00, a few heifer type standard to \$16.00. Canner and cutter cows sold \$10.00-12.00, shelly canners down to \$8.00. Cutter and utility bulls ranged from \$13.00-15.00, some high-yielding kind to \$15.50-15.75. Common and medium stocker yearling steers sold from \$13.00-17.00, common and medium stock cows from \$10.50-11.50, several lots of common cows with calves by side from \$108.00-112.50 per pair.

NEW ORLEANS Receipts were light on the New Orleans Stock Yards for the period under review. Trading was generally active during the month, with supplies of all classes moving off very well each day. Bulk of unloads consisted mostly of slaughter material, with the quality of offerings mostly in the medium class, with relatively few grading good and better.

With light receipts and good buyer demand all month prices worked higher and closed anywhere from \$1 to \$2 higher for the month.

The calf market was extremely active. With a limited supply of good and choice kinds prices held strong and closed out \$1 higher for the month. Cows were active and held steady to 50c higher. Commercial were in very limited supply this month. Bulls were in good demand and closed at about \$1 higher. Stocker cattle were very active during the month. Good quality stock, however, was scarce. Hogs were in light supply but were active and steady.

A special feature this month was our Spring sheep sale. Approximately 1,400 sheep were on hand and all closed out very satisfactorily to all concerned.

Good to choice calves sold from \$21-\$23; commercials \$18-\$20; utilities from \$15-\$17; and culls \$12-\$14.

Commercial cows brought \$13-\$14; utilities \$11-\$12; cutters \$9-\$10 and canners \$7-\$8.

Best bulls sold \$14-\$14.50; utilities \$12-\$13; cutters \$10-\$11.

Good to choice slaughter steers sold \$18-\$22; commercials \$16-\$17; and utilities \$14-\$15.

Good to choice slaughter heifers sold

All progressive cattlemen read

The Cattleman

\$18-\$22; commercials \$16-\$17; and utilities \$13-\$15.

Good stocker steers brought \$15-\$16; common and medium \$13-\$14; stocker heifers ranged from \$12-\$14.

Texas Hereford Round-Up Sale

FOUR hundred cattle from the herds of some 50 Texas Hereford breeders sold at prices somewhat higher than those paid at the same sale last year at the Texas Hereford Association's annual Round-Up sale held in Fort Worth April 15. Many of the cattle were young and none was highly fitted.

The bull offering was topped at \$700 for 88 Zato Heir 77, a two-year-old son of TR Zato Heir 88 consigned by Ard E. Richardson of San Antonio. He sold to Dr. Glen Brown of Tyler, Texas.

Several of the older bulls sold in the \$400 to \$600 bracket. Two ranchers from Chihuahua, Mexico purchased 21 of the younger bulls and Albert Tadlock of Fort Worth, E. M. Huggins of Fulshear and W. A. Conner of Dayton were among the major buyers of bulls. The better females sold from \$250 to \$300.

Walter Britten and Gene Watson sold the cattle.

Texas Polled Hereford Breeders Reelect Carl Sheffield

CARL SHEFFIELD, Brookesmith, was reelected president of the Brown County Polled Hereford Association at its annual meeting held in Brownwood April 13. Also reelected were N. M. Barnett, Melvin; vice-president; J. W. Vance, Coleman, secretary; and Sam Swann, Merkel, and Joe Dan Weedon, Grosvenor, directors.

The Largest Color Lithographers in the Southwest

PRINTERS

LITHOGRAPHERS

OFFICE FURNITURE

OFFICE SUPPLIES

STAFFORD-LOWDON COMPANY

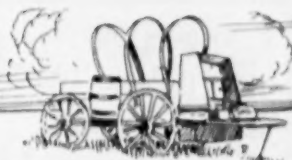
FORT WORTH, TEXAS

COURT HOUSE RECORDS

★ Book and Stationery Supplies ★

Bank Supplies

Range News of the Southwest



Cattle Sales and Prices

Where sex is not given on sale, excepting calves, the reference is to steers. As "The Cattleman" goes to press several days before date of release, range conditions may have changed since these reports were made.

AMARILLO

Ross Rentfro, Amarillo, sold 120 one and two-year-old heifers to Amarillo Packing Co., Amarillo; 239 yearling heifers to Martin Denke, LaSalle, Colo.; 308 yearling steers to Bob Hulett, Amarillo.

W. S. and Joe Montgomery, Clarendon, sold 156 yearling steers and heifers to Newby & Sons, Plattsburg, Mo.

Bob Hulett, Amarillo, sold 39 yearling steers and heifers to Goldring Packing Co., Los Angeles, Calif.; and 40 yearling heifers to Glenn Ott and Fred Winzler, Madison, Kans.

D. I. Barnett, Amarillo, sold 87 yearling steers to K. LaFon, Amarillo.

D. K. McGeehee, Wayside, sold 45 yearling heifers to Ike Rowand, Montgomery, Ill.

Rentfro & Thomas, Amarillo & Dumas, sold 222 yearling heifers to Amarillo Packing Co., Amarillo.

W. H. Kimble, Amarillo, sold 47 yearling steers to Montford Feed Yards, Greeley Junction, Colo.

Eldon Plunk, Amarillo, sold 78 yearling steers to Nebraska & Colorado L. S. Co., Monticello, Iowa.

T. L. Roach & Son, Amarillo, sold 146 yearling heifers to W. Berryhill, Pring, Colo.

Joe Wells and John Sawyers, Amarillo, sold 70 yearling steers to J. L. Taylor, Cambridge, Kans.; and 71 yearling steers to W. C. Richardson, Cambridge, Kans.

Grady Sheppard, Hale Center, sold 133 yearling steers to J. L. Taylor, Cambridge, Kans.

W. T. Smoot, Amarillo, sold 155 yearling heifers to Martin Denke, LaSalle, Colo.

H. B. Fain, Amarillo, sold 150 yearling heifers to Raymond Pope, Vinita, Okla.

C. C. Wimberley, Vega, sold 106 cows and calves to Will Eakin, Pacific, Mo. Trujillo Cattle Co., Channing, sold 1,349 yearling steers to Burns, O'Connor & Skinner, Lexington, Nebr.; 601 yearling heifers to Agricultural Land & Inv. Corp., South Charleston, Ohio; and shipped 327 yearling steers and 123



yearling heifers to Sterling, Colo., to grass.

W. Jenkins, Hereford, sold 81 yearling steers to J. L. Brennan Co., Kirkland, Ill.

Pittman and McWhorter, Hereford, sold 446 yearling heifers to Banco Nacional De Credito, Nogales, S. A. Mexico.

J. R. Yell, Dumas, sold 81 yearling steers to E. B. Graham, Emmett, Kans.; and 108 yearling heifers to Anton Wither, Wisner, Nebr.

John Leback, Sterling, Colo., bought 312 yearling heifers from Sam Lasley, Dumas; and 65 from Floyd Blackburn, Dumas.

I. W. Frantz, Hartley, sold 175 yearling heifers to Dick Silverberg, Fort Morgan, Colo.

The range is in pretty good shape but we need more rain as weeds and grass are just getting started good after one of the worst storms we have had since 1918. The cattle loss from this storm hasn't been determined yet and some cattle are still dying from the effects of the storm.

Steer calves are selling 20c to 24½c; heifer calves, 19c to 21c; two and three-year-old heifers, 15c to 18c; dry cows, 10c to 13c; cows with calves, \$120 to \$175; yearling steers, 17c to 20c; twos, 16c to 18c; threes and up, 14c to 17c.—N. B. Albright.

BENJAMIN

We have had some local rains over this country since last report but not enough to break the drouth and if we don't get more rain soon the grain crop will be short. There are some weeds and

wild rye on the range and cattle are doing fairly well, but we will have to have lots of rain to make much grass as the turf is almost gone on the pastures. Most of the cattle have been contracted for spring delivery, however, there were very few wintered in this country. Prices have been steady to strong.—Chas. Moorhouse.

BUDA

J. F. Webb, Luling, sold 228 three and four-year-old plain steers to Franklin Jackson, Groesbeck. These cattle were loaded at Batesville and were put on the lush bottoms near Groesbeck.

Tom Winters, Evant, shipped 1,180 two-year-old dehorned Hereford steers to Allen and Hessdale, Kansas for grass; and bought 47 two's from J. B. Langford and 27 two's from Cloud & Mayse, Lampasas, which were shipped to Kansas.

Marvin Porter & Tom Winters, shipped 365 Hereford steers to Kansas grass. These cattle were bought in Mexico last fall and wintered on the Goodrich ranch in Burnet county.

We had another general rain on April 19th, this makes 15 inches for the Austin country since January 1st. This rain has insured the oat crop, which is an unusually large one. Stocker cattle are stronger here than they have been since 1952. We have a fine weed crop and cattle are making fast gains on weeds and clover. There has been a very small death loss from clover this spring.—A. B. Strickland.

CANADIAN

Odell Ryan, Perryton, sold 419 two-year-old steers to Weisbart Cattle Co., Denver, Colo.

Bob and Dean Cluck, Gruver, sold 108 two-year-old steers to Orville Minerh, Stockton, Iowa.

Emil Knutson, Gruver, sold 254 two-year-old steers to Sheldon Ripson, Grand, Iowa.

We have had a severe snow storm over the Panhandle of Texas and Oklahoma since last report and there was a heavy death loss in livestock. We have had a little better than half of our rainfall to date. Wheat is in very good shape. Prices on most all classes of cattle continue to advance, especially on stocker cattle. Have no report of any cattle being con-

**LIVESTOCK
★ LOANS**

You are cordially invited to discuss your livestock loan needs with us. For more than a third of a century we have helped cattlemen and sheepmen of the Southwest solve their financial problems.

AGRICULTURAL-LIVESTOCK FINANCE CORPORATION

1102 BURK BURNETT BLDG. • FORT WORTH, TEXAS

JNO. S. BROWN, President • JNO. C. BURNS, Vice-President • W. E. FITZHUGH, Secretary • Continuously Serving Since 1921

**LIVESTOCK
★ LOANS**

Turns in the
lightest breeze...
Stands against
strongest winds



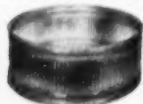
DEMPSTER Annu-Oiled WIND MILLS

At the ranch or on the range—wherever you need a dependable water supply—you can't do better than a famous Dempster Annu-oiled windmill. Having a positive oiling system and anti-friction bearings makes Dempster windmills respond to the lightest breeze. You need to oil it only once a year.

Dempster towers are designed and constructed to withstand the heaviest winds. With extra bracing, strong corner posts and sturdy girts extending horizontally from corner post to corner post—they are truly built to stand the storms.

Dempster Annu-oiled windmills are available in sizes from 6' to 18' in diameter. Dempster windmills have been famous for more than 75 years.

There is extra strength in Dempster Stock Tanks!



The ideal tank for the range because it is built stronger, to last longer. The double lock-seam bottom is beneath the tank where it can't be panned open; the top is rolled around a large pipe-size tube for extra rigidity; the new, rust-resistant galvanized steel sides and bottom won't flake or peel. Every tank warranted for 5 years.

See Your Dempster Dealer
or write

DEMPSTER MILL MFG. CO.
Beatrice, Nebraska



300 Rooms—Rates \$4 to \$8
G. W. Putnam, Mgr.—FORT WORTH
NEWLY AIR CONDITIONED

tracted. There have been some shipments to northern feeders.—Jack H. Mims.

CLARENDON

The demand for cattle has been good, with not many offered for sale.

We have had very good moisture but the grass is slow in coming—maybe the ground is still cold.—A. T. Jefferies.

GLADEWATER

This section of the state is in good condition since the general rains we have had for the past two months. Due to these good rains and with the pasture not being overstocked, most of the grazing land is in very good condition. There is a good demand for all classes of cattle. About the average number of cattle are being sold through the local sales.—T. O. Tinsley.

QUITAQUE

There were no cattle deliveries this month but the prices at the sales rings seem to be a little better each week. This country has had general rains since last report.—Maynard Wilson.

SWEENEY

Herman Booth, Manvel, sold 50 cross-bred cows and 15 calves to Todd Furnace, Manvel.

Several large sales have taken place in the country in the past few weeks. Prices vary due to condition of cattle. We have had plenty of rain and cattle are doing fine. Prices are up at this time.—Leonard Stiles.

TAHOKA

The range is in better shape than it has been for the past four years. Very few cattle are selling except through sales rings. A few calves are being bought for fall delivery. There is a good demand for good cows and calves but there are not many to be had.

Steer calves are selling 21c to 22c; heifer calves, 18c to 19c; dry cows, \$90 to \$110; cows with calves, \$125 to \$140; yearling steers, 18c to 20c.—B. L. Parker.

Hill Country Hereford Breeders Elect Henke President

THE Hill Country Hereford Association met in Mason, Texas, April 17, 1957, and elected the following officers: Werner Henke, Fredericksburg as president; Raymond Winkel, Llano as vice-president; and J. D. Jordan, Mason as secretary-treasurer. Henke succeeds Silas Kothmann, Mason, as president.

Ray Martin, Llano and Perry Priess, Mason were elected directors succeeding Jack Ebeling, Round Mountain and Kelly Schmidt, Mason. Holdover directors include John Arhelger, San Saba; C. P. Kothmann, Mason; August Willmann, Art; Roy Weinheimer, Stonewall, and A. L. Baethge, Fredericksburg.

The association selected October 30 as the date for the fall bull sale. The annual female sale will be held in Mason, June 4.

Dr. J. C. Miller, Texas A&M College, was guest speaker at the annual meeting.

Cattle Feeders D., At Texas Tech May 7

THE Annual Cattle Feeders Day program has been scheduled at Texas Technological College on May 7, according to an announcement from Dr. W. L. Stangel, Dean of Agriculture.

The livestock event will feature results of a feeding experiment conducted to provide information which will decrease the costs of cattle feeding, enabling cattlemen to solve the squeeze between rising costs and lower sales prices. Dean Stangel points out that this experimental work gives practical application to recent developments in the field of scientific cattle nutrition studies. Factors investigated in the experiment include stilbestrol, aureomycin, combination of stilbestrol and aureomycin, ground cottonseed hulls, and pelleted cottonseed hulls. This study has been supported by the Texas Cottonseed Crushers Association. Research on wintering rations for breeding beef cows will also be reported.

In addition to observing experimental work conducted at Texas Technological College, cattlemen will be given reports of important recent cattle research at the Spur Experiment Station by Paul T. Marion. Dr. L. S. Pope, widely known cattle nutrition authority at Oklahoma A. & M. College, will discuss cattle research which has been conducted at that experiment station. Information on beef consumption trends and outlook will be covered in an address by R. B. Elling, Director of Industrial Relations for the National Livestock and Meat Board.

Improve Feed Efficiency by Increasing Feed Additive

FEED efficiency for beef cattle was improved by each increase in the amount of Dynafac included in the ration, and rate of gain was boosted by all but the lowest of four experimental levels. These test results with Dynafac, a feed additive made from fatty acid derivatives, are based on a 109-day trial with 50 yearling steers conducted by Armour and Company, manufacturer of the product.

The cost per hundred-weight of gain for the 10 control steers (no Dynafac) was \$22.79. For the four Dynafac lots of 10 steers each, the daily dosage rate and cost per hundred-weight of gain was as follows: ½ gram, \$22.12; 1 gram, \$21.12; 1½ grams, \$20.29; 2 grams, \$18.64. A feed saving of \$4.15 per hundred-weight of gain was made with the steers getting 2 grams.

Rate of daily gain for the controls averaged 2.38 pounds per head. This gain compares with the four Dynafac lots, as follows: ½ gram, 2.36 pounds; 1 gram, 2.65 pounds; 1½ grams, 2.92 pounds; and 2 grams, 3.13 pounds.

The ration consisted of corn, alfalfa meal and molasses. All carcasses from these test steers graded Choice.

Be Safe n' Sure!



HARDING & HARDING
Livestock Insurance

MORTALITY INSURANCE
PROTECTION — At Home, in Transit, At Shows.

WRITE FOR RATES

Lower Cost Coverage Group . . . Ten or More

HARDING & HARDING

Phone — Geneva 5100

Geneva

Illinois



G. H. SHAW

Auctioneer

I refer you to the breeders
I have sold for.

P. O. BOX 68
MONROE, IOWA

Walter S. Britten
Texas' Leading
Auctioneer

College Station, Texas
Ph. Bryan, Texas,
TA24335



HAMILTON JAMES

Livestock Auctioneer

Sell your livestock the profit-
able auction way. Write now
and reserve your date.
NEWTON • ILLINOIS

C. D. (Pete) Swaffar
Livestock Auctioneer

1111 S. Pittsburg
TULSA, OKLAHOMA
Phone 6-1879



RAY SIMS
AUCTIONEER

I will be happy to work for you,
too! Write, wire or phone me at
Belton, Mo.



AUCTION SALE

Cattlelogs

JOHN WALLACE PHONE
1117 Florence St. • Fort Worth, Texas. ED 2-9219

"THE RANCHMAN"

Oklahoma's Only Livestock and Rodeo

Magazine—\$2.00 a Year

MRS. FERNE E. KING, Editor

608 COMMERCIAL BLDG. TULSA 3, OKLA.

Single Copy—35c

Cattle News

OMAHA

By HART JORGENSEN

Hart Jorgensen, Executive Director of the Livestock Foundation of Omaha, is personally known to thousands of Corn Belt and Western livestock growers and feeders through his market broadcasts, and talks before various livestock grower and feeder groups.—The Editor.

In keeping with the Spring season, there's new zest and verve about the cattle market in these parts. Through the winter, moisture was short and much of the time it was nip and tuck so far as keeping the price level on slaughter cattle above that of a year earlier. But then the market got better and the weather got wetter. Substantial snow and rain combined to put a deep dent in the drouth, and along about the latter part of April fat cattle trade was rolling along at a price pace that ranged from \$2.50 to \$3.00 above a year earlier. In fact, the tempo was such that the USDA's mid-month estimate of 4 per cent more cattle on feed as of April 1 than a year earlier, created virtually no stir whatever. Feeder buyers time after time outbid packer buyers on two-way cattle by as much as a dollar. Commission men generally agreed there was basis for at least conservative optimism about the fat cattle market; most felt it would hold up well through the summer and some thought even into the fall. Others took the view that last fall's heavy outgo of calves and light stockers might result in enough of an increase in receipts of slaughter cattle this fall to take some edge off trade. A number of market men also pointed out that heavy slaughter steers again were in solid position and predicted that if the tablebacks held that sort of favor into the fall months, that big feeder steers would follow suit, might even sell as well as last fall. Last season, briskly-selling heavy feeder steers confounded not a few prognosticators; and in some instances also confounded those who acquired them.

KANSAS CITY

By DON EVANS

ALL classes of cattle moved up on the Kansas City market during the last half of March and the first three weeks of April. Lightweight prime steers moved up 75 cents to \$1 a hundred to a nominal top of \$26 while heavy prime cattle gained an even dollar.

Lightweight choice cattle gained 75 cents to \$1.25 with the best selling at \$24.25. Good grades gained \$1 to \$1.25, selling up to \$22.25.

The top on prime heifers moved up an even dollar to \$24.50, while the best choice heifers moved up to \$23.50, a gain of \$1.50. Slaughter cows gained half a dollar to top at \$15.50. Bulls had the same top, a 50-cent gain.

Stockers and feeders, in short supply

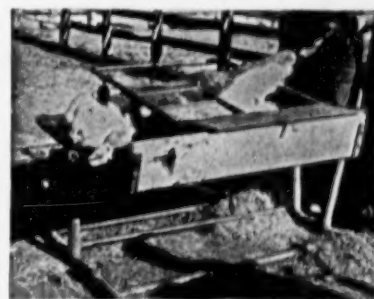
Staggs

IMPROVED

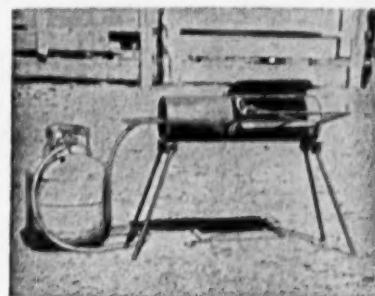
Branding Table

USED IN ALL STOCK RAISING STATES AND FOREIGN COUNTRIES

Simple and efficient in operation. No danger of injuries or ground infection. Drop door and removable body bars expose all parts of the animal, for dehorning, castrating and all other operations.



Steel Construction. Electrically Welded. Standard Rights and Lefts — \$150.00. Reversible that can be used for either side branding—\$165.00.



STAGGS

Branding Iron Heater

Another Staggs labor saver. No waiting for irons to heat, irons hot in less than 5 minutes. No generating or pumping, no danger of fire or outside heat or smoke.

Standard heater for 6 irons, complete with 5-gal. bottle, all connections, ready to use, \$47.50.

Large size for 10 to 15 irons, complete, \$57.50.

For information, write:

STAGGS & CO.

HENRIETTA, TEXAS

Box 163

Phone 375

RANCHAny Day Prepayment
Option
Reserve Safety Features**LOANS****E. B. CHANDLER
& CO.**Loan Correspondents Aetna Life Insurance Company
106 E. Crockett St., San Antonio, Texas

all along, moved up 50 cents to \$1, with the best lightweight yearlings selling up to \$24. Best stock heifers topped at \$21.50.

Southwestern cattle already have started moving into bluestem pastures in the Kansas Flint Hills area and moisture-wise pastures are in the best condition in years. Cool weather has retarded starting of the grass, however.

Around 75 per cent of the pastures had been rented by April 1 with prices standing about where they did a year ago. The price for grazing a big steer for the season generally is \$20.

Generally pastures which have not rented are those which did not have adequate water supplies early and owners were reluctant to lease until they had water supplies or prospective renters were not willing to take them without a guarantee of adequate water supplies. Now many ponds are full and nearly all ponds have a good supply of water.

It seems certain that there will be a huge demand for thin cattle in Kansas this fall if there is a decent growing season. There will be a milo stubble to graze, big supplies of silage and other feed. Good enough rains to make wheat pasture would enhance the demand.

With all their confidence in a good season ahead, cattlemen in the western part of the state are doubtful if the Southwest, their traditional source of stocker cattle, can supply their needs. There already have been numerous scouting trips to Nebraska, the Dakotas, Wyoming and Montana to line up possible sources of cattle to eat feed which has not yet been planted.

OKLAHOMA CITY*By HOOT ELIJAH*

Fat cattle, stockers and feeders, cows and bulls, and slaughter calves all worked upward with strong daily demand, and generally steady to a strong market day after day.

High choice steers and heifers yielding 63% are today, April 19, quotable at \$23.50 to \$24.00. Good and choice heifers and mixed yearlings sold from \$20.00 to \$22.00.

Bulk of utility and commercial cows sold from \$12.50 to \$15.00 with a few high commercial heifer type cows up to \$15.50. Canner and cutter cows sold

readily at \$10.00 to \$12.00 with shelly canners down to \$9.00. Commercial bulls sold from \$14.25 to \$15.25. With a lot of bull orders competing actively for the few heavy bologna lean type bulls available.

Stockers and feeders presented a bright picture with order buyers, farmers, and nearly everyone looking for something they think will go back to the country and work since continued wide-spread rains makes grass and grass prospects good.

A few fancy selected 300 lb. steers and heifers earned \$26.00. Stocker and feeder calves of good to choice quality are usually going back to the country from \$19.00 to \$22.50. Choice yearling stock steers are bringing \$21.50 to \$22.00. Medium grade stock and feeder steers sold readily from \$16.00 to \$18.50. Stock heifer calves sold from \$18.50 to \$19.00. Medium and good stock cows brought from \$10.50 to \$12.50. Much demand for pairs of well bred light weight young cattle. Top veals sold from \$21.00 to \$23.00 for 160 to 240 lb. milk fat and showing bloom with glossy hair coats.

FORT SMITH, ARK.-OKLA.*By G. SHINN*

Slaughter cattle prices have continued to rise during the past month. Slaughter steers and heifers sold from \$1.00 to \$2.00 higher. Standard and good selling at \$16 to \$21. A load of good and choice around 650 lbs. sold at \$21.50.

Cows were steady to 50c higher, advance on canners and cutters. Utility and commercial cows cleared at \$12.50 to \$14.00, canners and cutters from \$10.50 to \$12.50, shelly canners \$9 to \$10.

Bulls sold up to \$1.00 higher. Utility and commercial selling at \$14 to \$15.50, canners and cutters from \$12 to \$13.50.

The vealer price decline was from \$2.00 to \$3.00 lower. Most decline on good and better offerings. Good and choice selling at \$16 to \$21, few high choice from \$22 to \$23, utility and standard clearing at \$12 to \$15.50.

Slaughter calves advanced \$1.00 to \$2.00 higher. Good slaughter calves up to 500 lbs. sold from \$16 to \$20, a few choice up to \$21. Utility and standard ranged from \$12 to \$15.50.

Stockers and feeders were steady. Common and medium stocker and feeder

steers sold from \$16 to \$17.50, with good selling up to \$18.50. Some small lots of choice around 525 to 550 lbs. feeder steers sold at \$20.00. Common and medium stocker and feeder heifers cleared at \$15 to \$16.50. A load of good and choice around 550 lbs. feeder heifers sold at \$18. Medium and good stock steer calves sold from \$17 to \$18.50, good and choice selling from \$19 to \$20. A part load of high choice 429-lb. stock steer calves at \$22. Common and medium stock heifer calves sold from \$16 to \$17.50. A few small consignments of good stock heifer calves selling at \$18.

Shorthorn Secretary Resigns

FOLLOWING a meeting of the Board of Directors of the American Shorthorn Breeders' Association, at Chicago, April 23, Allan C. Atlason stated that his services as Association Secretary would terminate as of June 1, or as soon thereafter as his successor could be employed.

Atlason came to the Association in 1952, after serving as manager of Thomas E. Wilson's Edellyn Farms, Wilson, Ill., for 14 years.

**Mid-North Texas Hereford
Field Day May 18**

THE Mid-North Texas Hereford Association will sponsor a field day May 18. The tour, which will cover several Hereford ranches in the area, will begin at 9 a. m. at the Swatzell Lazy 7 Ranch just south of Cleburne.

On April 27 the association held a show at Cleburne. M. O. Andrews of Fort Worth had the champion bull, MO Zato Heir 4th, and W. R. Gollihar of Whitney had the reserve champion, Prince Mesa. No females were shown.

A feature of the show was a prize of \$100 for the sorriest bull with the provision that the animal was to be sold for slaughter after being named winner. This class was for educational purposes, according to association president Mrs. C. H. Bertram of Fort Worth, with the aim in mind of getting rid of inferior breeding animals.

More Than 20 Years of Dependable Livestock Loans to the Livestock Producers of Texas
NATIONAL FINANCE CREDIT CORPORATION OF TEXAS

FORT WORTH

Established 1918

D. H. LILLYWHITE COMPANY, INC.**CATTLE**

Night Phones:
D. H. Lillywhite, Pres.
AXminister 12875
Dale B. Lillywhite, Vice Pres.
OXford 62730
Floyd Williams
LUDlow 92031

Bonded Livestock Commission Merchants

Union Stock Yards

LOS ANGELES

Office Phone: LUDlow 82248

Members: Los Angeles Livestock Exchange

BUTCHER CATTLE

Grady Moore—TORrey 49440
John Gordon—NORmandie 27110
Ed McGuire

HOGS & SHEEP

Robert Jones

SGBI Holds Sixth Annual Meeting In San Antonio

JOHAN B. ARMSTRONG, owner of Day's Bend Ranch at Selma, Ala., was elected president of Santa Gertrudis Breeders International at the Association's sixth annual membership meeting held in San Antonio, April 12.

Succeeding R. W. Briggs, Sr., as president, Armstrong is the fifth president the organization has elected since its charter in 1951. His herd of purebred Santa Gertrudis was established in 1949.

Other officers elected by the convention delegates were Vachel Lackey of San Antonio, Texas, as vice-president; Walter W. Cardwell, Jr. of Lockhart, Texas, as secretary, and Ben F. Vaughan, Jr. of Corpus Christi, Texas, as treasurer. Directors were elected to fill four expiring terms. These were: Sumner Pingree, Jr., Central Ermita, Oriente, Cuba; R. W. Briggs, Sr., San Antonio, Texas; John Martin, Sr., Alice, Texas, and Gen. John M. Bennett, Jr., San Antonio. Holdover directors are Richard M. Kleberg, Jr., Kingsville, Texas; W. W. Callan, Waco, Texas; Walter Cardwell, Sr., Luling, Texas; Dolph Briscoe, Jr., Uvalde, Texas; Enrique Lievano R., Bogota, Colombia, S. A.; Sterling Evans, Houston, Texas, and Charles Dempsey, Sarasota, Fla.

An honorary membership was unanimously voted to Albert O. Rhoad, King Ranch geneticist, who was instrumental in the early development of the Association.

Featured speaker of the meeting was Robert J. Kleberg, Jr., president of the King Ranch, where the Santa Gertrudis Breed of beef cattle was originated and developed. Speaking on the past, present and future of the breed, Kleberg praised the Association for its many accomplishments since it was organized.

Kleberg lauded SGBI on its program of classification, and urged it to remain ever aware of the necessity of inspecting all individual animals presented for classification, regardless of the animal's pedigree. He emphasized too, that many of the breeders now getting into the Santa Gertrudis business are obtaining good foundation stock on both the bull and cow side of their program, and that this is indicative of continued rapid strides toward more quality cattle.

Kleberg also urged the breeders to continue their interest in performance testing. He explained that the long periods of selection in the early years of development is paying off because the Santa Gertrudis is today recognized as a fast gaining, efficient, beef producing machine.

R. P. Marshall, SGBI executive secretary, in making his annual report, explained that in spite of continued drouth in many parts of the world, SGBI membership has continued to rise and that the Association now has 632 members. He remarked that to date a total of 67,366 Santa Gertrudis have been presented for classification in 27 states and four foreign countries.

PanTech Farms Hold Annual Field Day and Sale**SUMMARY**

125 Bulls \$36,225; Avg. \$306

PANTECH Farms conducted their Seventh Annual Field Day April 4 at the farm near Panhandle, Texas. The program was centered around the PanTech bull progeny tests and the results of a 112-day feed test in which 125 Hereford and Angus bulls were fed equal rations to determine the rate of gain each bull recorded.

The morning was devoted to inspection of the test bulls and a number of talks on the subject of performance testing of cattle. Dean W. L. Stangel, head of the Animal Husbandry Department, Texas Tech College, Lubbock, welcomed the visitors and introduced guests. He was followed by L. A. Maddux, Jr., Extension Animal Husbandman, who commented on "Beef Cattle Performance Testing in Texas."

Dr. C. M. Kincaid, Southern Regional Coordinator, Beef Cattle Research, talked on "Performance Testing in America." J. P. Smith, member of the Texas Tech staff and manager of the PanTech farms, reviewed the "1956-57 PanTech Bull Progeny Test." George F. Ellis, Jr., Assistant Animal Husbandman, Texas Agricultural Experiment Station, outlined the "Proposed Beef Cattle Selection Project at PanTech Farms."

Following the program, the 125 bulls that had completed their feed test were sold at auction for an average of \$306. The top selling bull was HHR Zato Heir

114c, a Dec. 1955 bull consigned by R. H. Holland & Son, Perryton, that was the record high gaining animal in the test. He sold for \$1,500 to Max Blau, Follett, and PanTech Farms. The second top bull was a Blau consignment out of the winning pen of bulls that sold for \$1,050 to N. T. Johnson, Amarillo.

Walter Britten, College Station, was the auctioneer.

Cattlelog

J. W. Winkel, Polled Hereford breeder of Llano, Texas, reports that recent rains have greatly improved pasture conditions and that sales are picking up. Winkel's Polled Hereford Ranch sold one herd bull, Domestic W 26 to R. A. Largent & Son, McKinney, Texas; one herd bull prospect, Domestic W 206 to Gainer Bros., Percy, Miss.; and one herd bull prospect, Domestic W 88 and a show heifer calf to Reynolds & Sons, Goldthwaite, Texas. All of these animals were by the Winkel herd bull, WPHR Domestic Woodrow, except the "206th," he by the "26th." Other sales included three range bulls—one to H. Dudley Lewis, Bertram, Texas; one to Joe Pavelka, Thrall, Texas; and one to Paul Bergmann, Fredericksburg, Texas. B. L. and J. L. Bradley, Circle J Ranch, Groesbeck, Texas, bought 12 heifers.

W. R. Watt, Sr., and sons, W. R. Watt, Jr. and Tom Watt, recently purchased the herd of Registered Herefords and leased the ranch of Northwoods Stock Farm owned by the late J. M. North. North established the herd a number of years ago and it is one of the better known Hereford herds in the Fort Worth area. The ranch will be operated by W. R. Watt, Jr., as manager.

R. M. Hall, formerly with McNatt Hereford Ranch at Greenville, Texas, has accepted a position as manager of the Jack Frost Eskimo Ranch at Hereford, Texas, and will be in charge of the entire operation of that important division of the Jack Frost Hereford setup. Hall is well known in Hereford circles. He was with McNatt Hereford Ranch about nine years; previous to that he was with Naud Burnett Hereford Farms at Greenville, and also with Lee Tuttle at Dallas.

RANCH LOANS

WM. "BILL" WILLIAMS
211 Insurance Bldg.
Lubbock, Texas

**CONNECTICUT GENERAL LIFE
INSURANCE COMPANY**

PAUL LEWIS
911 Grandview Drive S.E.
Albuquerque, New Mexico

WESTBROOK-COLE COMPANY, Loan Correspondent
McBurnett Building, San Angelo, Texas

LIVESTOCK CALENDAR

HEREFORD SALES

May 2—Commercial Stocker Cow Sale, Union Stockyards, San Antonio, Texas.
 May 19—Stocker-Feeder Sale, Fort Worth.
 May 29—Crutcher-Wilmut Partnership Disp. Sale, Fort Worth, Texas.
 May 27—Gilfoil Ranch, Tallulah, La.
 June 1—H. C. Spinks Farm, Paris, Tenn.
 June 4—Hill Country Hereford Female Sale, Mason, Texas.
 June 7—Stocker-Feeder Sale, Fort Worth.
 July 11—Commercial Stocker-Feeder, Union Stockyards, San Antonio, Texas.
 July 19—Stocker-Feeder Sale, Fort Worth.
 Aug. 16—Stocker-Feeder Sale, Fort Worth.
 Aug. 20—Concho Hereford Stocker-Feeder Calf Sale, San Angelo.
 Sept. 5—Commercial Stocker-Feeder, Union Stockyards, San Antonio, Texas.
 Sept. 12—Stocker-Feeder Sale, Fort Worth.
 Oct. 11—Stocker-Feeder Sale, Fort Worth.
 Oct. 11—Wyoming Hereford Ranch, Cheyenne, Wyo.
 Oct. 14—Thorp Hereford Farms, Britton, S. D.
 Oct. 24—Commercial Hereford Stocker-Feeder, Union Stockyards, San Antonio, Texas.
 Oct. 28—Dellford Ranch, El Dorado, Kans.
 Oct. 29—South Texas Hereford Assn., Beeville, Texas.
 Nov. 5—Windsor Place, Boonville, Mo.
 Nov. 11—Bianchi & Sanford, Macon, Mo.
 Nov. 13—Magie Empire Range Bull Sale, Pawhuska, Okla.
 Nov. 25—Par-Ker Ranch, Chelsea, Okla.
 Dec. 2—National Anxiety Hereford Br. Assn., Amarillo, Texas.
 Dec. 2—C K Ranch, Brookville, Kans.
 Dec. 3—Northern Oklahoma Hereford Assn., Perry, Okla.
 Dec. 5—Capital Area Hereford Assn., City Coliseum, Austin, Texas.
 Dec. 6—Texas-Oklahoma Hereford Br., Wichita Falls, Texas.
 Dec. 16—Bridwell Hereford Ranch, Wichita Falls, Texas.

POLLED HEREFORD SALES

May 25—Buck Sullivan Polled Dispersion, Crockett, Texas.
 July 6—O'Bryan Ranch, Hiattville, Kans.
 Oct. 7—Pancola-Tate Hereford Calf Sale, Senatobia, Miss.
 Oct. 12—O'Bryan Ranch, Hiattville, Kans.
 Oct. 18—R. D. Cravens, Oklahoma City, Okla.

ANGUS SALES

May 2—Commercial Angus Stocker Cow, Union Stockyards, San Antonio, Texas.
 May 8—Tucker-Porter Production Sale, Del Valle, Texas.
 May 10—Commercial Cow Sale, Fort Worth Stockyards, Fort Worth, Texas.
 May 11—C-T Ranch Production Sale, Miami, Okla.

MAY 1957						
S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE 1957						
S	M	T	W	T	F	S
					1	
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JULY 1957						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST 1957						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SEPTEMBER 1957						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

OCTOBER 1957						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

NOVEMBER 1957						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

DECEMBER 1957						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

JANUARY 1958						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

FEBRUARY 1958						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

MARCH 1958						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

APRIL 1958						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May 25—Gulf Coast Angus Assn. Fitted Sale, Brookshire, Texas.
 May 27—Texas Angus Assn. 13th Annual Distribution Sale, San Angelo, Texas.
 June 3—Texas Angus Ass'n Roundup Sale, Tyler, Texas.
 June 6-7-8—Kinch Farm Dispersion, Supply, Va.
 June 13—Commercial Angus Stocker-Feeder, Union Stockyards, San Antonio, Texas.
 June 15—Sondra-Lin Heifer Sale, Decatur, Texas.
 July 12—Stocker-Feeder Sale, Fort Worth.
 Aug. 19—Texas Angus Assn. Stocker-Feeder Calf Sale, San Angelo, Texas.
 Aug. 29—Commercial Angus Stocker-Feeder, Union Stockyards, San Antonio, Texas.
 Sept. 6—Stocker-Feeder Sale—Fort Worth.

BRAHMAN SALES

June 27—Commercial Crossbred Stocker-Feeder and Commercial Stocker Cow, PAZA, Union Stockyards, San Antonio, Texas.
 Aug. 15—Commercial Crossbred Stocker-Feeder, PAZA, Union Stockyards, San Antonio, Texas.
 Sept. 26—Commercial Crossbred Stocker-Feeder, PAZA, Union Stockyards, San Antonio, Texas.

HORSE SALES

May 4—Dodson-Hankins-Strode Quarter Horse Sale, Vernon, Texas.
 May 20—RS Bar Ranch, R. Q. Sutherland, Overland Park, Kans.
 June 1—H. C. Spinks Clay Co. Registered Quarter Horse Sale, Paris, Tenn.
 June 10—Indian Capital Quarter Horse Sale, Muskogee, Okla.

GENERAL

May 2—Commercial Angus Stocker Cow Show, Union Stockyards, San Antonio, Texas.
 May 2—Commercial Hereford Stocker Cow Show, Union Stockyards, San Antonio, Texas.
 May 5-9—Fair of the State of Mexico, Toluca, Mexico.

May 11—Annual Membership Meeting, Pioneer Beef Performance Assn., Tic Tac Toe Ranch, Frost, Texas.
 May 15-18—Post Stampede Rodeo, Post, Texas.
 May 26—21st Annual Sonoita Quarter Horse Show, Sonoita, Ariz.
 May 27-June 2—Pioneer Day Celebration and Rodeo, Fort Worth.
 June 8-9—Fort Worth Horseshoe Club Children's Horse Show, Fort Worth, Texas.
 June 13—Commercial Angus Stocker-Feeder Show, Union Stockyards, San Antonio, Texas.
 June 27—Commercial Crossbred Stocker-Feeder and Commercial Stocker Cow Show PAZA, Union Stockyards, San Antonio, Texas.
 July 2-4—Texas Cowboy Reunion, Stamford, Texas.
 July 3-7—Will Rogers Range Riders 14th Annual Show, Amarillo, Texas.
 July 11—Commercial Hereford Stocker-Feeder Show, Union Stockyards, San Antonio, Texas.
 Aug. 15—Commercial Crossbred Stocker-Feeder Show PAZA, Union Stockyards, San Antonio, Texas.
 Aug. 29—Commercial Angus Stocker-Feeder Show, Union Stockyards, San Antonio, Texas.
 Sept. 5—Commercial Hereford Stocker-Feeder Show, Union Stockyards, San Antonio, Texas.
 Sept. 23-29—Texas-Oklahoma Fair, Iowa Park, Texas.
 Sept. 26—Commercial Crossbred Stocker-Feeder Show PAZA, Union Stockyards, San Antonio, Texas.
 Oct. 5-13—Pan-American Livestock Exposition, State Fair of Texas, Dallas, Texas.
 Oct. 24—Commercial Hereford Stocker-Feeder Show, Union Stockyards, San Antonio, Texas.
 Jan. 24-Feb. 2, 1958—Southwestern Exposition and Fat Stock Show, Fort Worth, Texas.

When your livestock is ready to sell, you want the services of a long-established commission firm. We'll be glad to help you.

TEXAS LIVESTOCK MARKETING ASSOCIATION

CATTLE — HOGS — SHEEP

FORT WORTH
MA 4-3177

SAN ANTONIO
CA 5-2875

KANSAS CITY
VI 2-5200

Let us service your consignment to the stocker-feeder sales: San Antonio, May 2 and Fort Worth, May 10.

NCHA Holds Annual Meeting in Tucson

DELEGATES from 28 states were present at the annual meeting of the National Cutting Horse Association held in Tucson, Ariz., April 5. Marion Flynt, Midland, Texas, was re-elected president; Leon Locke, Hungerford, Texas, executive vice-president; and Paul Newton, Granada Hills, Cal., Jack Mehrens, Dermott, Ark., and Les Geddes, Rockford, Ill., regional vice-presidents. Douglas B. Mitchell, Fort Worth, was again named secretary.

Secretary Mitchell reported that the organization had grown to 1030 members during the past year with some 4230 horses competing in cutting horse contests over the country.

Members of the executive committee for the coming year in addition to the

above mentioned officers, are: Dorris L. Ballew, Natches, Miss.; Robert Q. Sutherland, Kansas City, Mo.; J. M. Frost, III, Houston, Texas; V. O. Hildreth, Sr., Aledo, Texas; B. F. Phillips, Jr., Dallas, Texas; Dr. W. H. Worrell, Houston, Texas; Bill Hale, Odessa, Texas; H. Calhoun, Cresson, Texas; Leonard Proctor, Midland, Texas and Robert F. Roberts, Tyler, Texas.

Champions at Tucson Quarter Horse Show

LIGHTNING BAR, owned by Art Pollard, Tucson, Ariz., was named grand champion stallion of the Quarter Horse show held in conjunction with the 23rd Tucson Livestock Show last month. The reserve champion stallion was Do Dash, owned by J. Ralph Bell, Visalia, Cal.

Zorena, owned by Mrs. Rose Fulton, Dragoon, Ariz., was named grand champion mare, with reserve honors awarded Lilly Moon, owned by R. L. Haught, Marana, Ariz.

Chickasha Mike, owned by Leonard Proctor, Midland, Texas, was named champion gelding.

Texas horses dominated the cutting horse contest, with Little Tom W, owned by Phillip Williams, Tokio, Texas, and ridden by Matlock Rose, placing first; Miss Nancy Bailey, owned and ridden by Bob Burton, Arlington, Texas, was second, and Calamity Jane, owned by Burton, Ott, owned by Willis Bennett, Orange, Texas, and Skeeter Conway, owned by H. R. Burden, Ennis, Texas, were tied for third, fourth and fifth.

Seventh Annual Fort Reno Beef Cattle Field Day May 9

THE Seventh Annual Beef Cattle Field Day, scheduled to be held at the Fort Reno Experiment Station, Fort Reno, Okla., May 9, will include discussions of topics of special interest to cattlemen. Dwight F. Stephens is superintendent of the station which has been conducting experiments with various phases of the cattle industry.

Discussions on levels of winter gain and subsequent performance of beef heifers, the value of stilbestrol for creep feeding calves, progeny testing of herd sires and drawfism are some of the topics on the program.

Dr. A. E. Darlow, dean of agriculture and vice-president of Oklahoma A&M College will address the group following lunch on "Opportunities in the Beef Cattle Business Today."

Clay Potts of Oklahoma A&M College will prepare the barbecue for the noon lunch.

A tour of some of the pastures where groups of cattle used by the station in its research program may be seen will bring the program to a close.

Breeders Report Excellent Results
from Advertising in
The Cattleman

TECO



CATTLE SQUEEZE

The new, improved Teco Squeeze is the safest, fastest, most efficient ever designed. Completely portable, either on pick-up or on Teco's special easy-loading trailer. Patented triple-action headgate, closes quickly, locks automatically. Handy foot pedal release for neck lever.

Write today for full details and prices.

THOMPSON & GILL, Inc.
Madera, California

Please send me details and prices on the following Teco products:

- | | |
|---|---|
| <input type="checkbox"/> Cattle Squeeze | <input type="checkbox"/> Horn Weights |
| <input type="checkbox"/> Cattle Stock | <input type="checkbox"/> Gate Hardware |
| <input type="checkbox"/> Calf Chute | <input type="checkbox"/> Branding Irons & Hoofers |

Name _____
Address _____
City _____ State _____

Sold by:

Stoney, Inc., Denver, Colo.

Southern Livestock Supply Co., Nashville, Tenn.

DIAGNOSING PREGNANCY IS ONE OF THE

easiest and most profitable. Our method is absolutely safe. It is a wonderful satisfaction to be able to examine your herd and find them all pregnant (with calf) or eliminate the boarders by cleaning them up without loss of time. Write for information.

GRAHAM SCHOOL

Dept.-T.C. 216 E. 10th Street
Kansas City 6, Missouri

"There is a student near you, write for name."

DOMINO RETURN

HEREFORD BREEDING

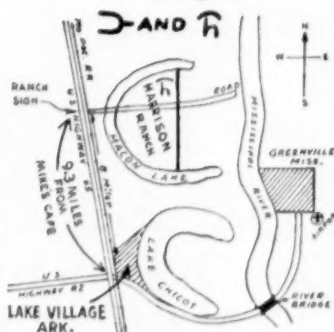
Specialize in Choice Range Bulls

WINSTON BROS.

SNYDER, TEXAS

HARRISON RANCH LAKE VILLAGE, ARKANSAS WHARTON AND UVALDE, TEXAS

SANTA GERTRUDIS The most honest cattle living



Herd Foundation

King Ranch Cows and Bulls

Address correspondence to

GERARD A. HARRISON

Owner

211 Resident St., Wharton, Texas

Member

Santa Gertrudis Breeders International

THE BEST DAGGETT QUARTER HORSES EVER RAISED

Now offering one 1955 and three 1956 stud prospects and contracts on 1957 colts and fillies. Featuring the bloodlines and service at stud of Battler P-5340, by Dodger, by Harmon Baker, by Peter McCue. Also WMD Rain Cloud 27313, a double grandson of Dodger.

The strongest concentration of Dodger blood in America. Prices \$250 to \$1000. Liberal Terms. Price list on request.

WALTER M. DAGGETT

Day Phone 199 — Night Phone 201F31
FRANKLIN, TEXAS

• CLASSIFIED ADVERTISING •

Rates 15 cents per word; minimum 10 words per insertion. Cash should accompany order.

MISCELLANEOUS

Sour Dough Biscuit Recipe and full directions \$1.00. Frankie Murdock, Daltair, Texas.

OSCAR R. WHILDEN

Whitney Bldg. - New Orleans, U. S. A.
Cable Address: "Whilden"

Exporter of All Breeds of Livestock. His services (and facilities) are also available as Foreign Forwarding Agent to Buyers and Sellers of livestock who deal direct. Mortality Insurance arranged. Stock Farm in Jefferson Parish, La.

LIVE STOCK PRODUCERS, know your markets. Read National Live Stock Producer, 3 years \$1.00. Dept. C, 139 North Clark Street, Chicago 2, Illinois.

A GOING BUSINESS—New brick garage building, full basement, franchise for Pontiac and Willys. Good equipment and parts. Owner has other interests. L. C. Larson & Son, Chadron, Nebraska.

For sale **CATTLE OILER CHAIN**. Designed to use in making cattle oilers. Made to hold rolled burley sacks snugly and firmly. Install your burley sacks and hang chain between two posts in your pastures and feed lots. \$1.20 per foot any length F.O.B. Scott City, Kansas. Ask about quantity price in 100 feet or more. Write C. H. Murray, Scott City, Kansas.

DIAL-A-MATIC Adding Machine. Adds (up to 99,999). Subtracts! Easy, quick, accurate! \$2.00 Postpaid. M-LEES, Box 6792 (C), San Antonio, Texas.

STORZ COW WOMB SUPPORT—Positively returns womb in place until healed. Adjusts to any cow. Applied by stockman. He ready for emergency. \$20 ppd. **GUARANTEED**. Storz Mfg. Co., Wagon, Colo.

SCHOOL OF AUCTIONEERING

LEARN auctioneering. Term soon. Write for catalogue. Missouri Auction School, Box 8425A4, Kansas City, Missouri.

BE AN AUCTIONEER

Term soon. Write for free catalog. Home Study Course Available. Reppert School of Auctioneering, Decatur, Indiana. Box 1. Founded 1921. G. I. training approved.

LEARN AUCTIONEERING—Term soon—free catalog. **REISCH AUCTION SCHOOL**, Mason City, Iowa.

BE AN AUCTIONEER—Instruction by the nation's leading auctioneers. Write for information. **NATIONAL AUCTION INSTITUTE**, P. O. Box 88-C, College Station, Texas.

AUCTION SCHOOL, Ft. Smith, Ark. Term soon. Veterans approved. Free catalog. Home Study Course.

AUCTIONEERING CAN be for you. Write for information. Western College of Auctioneering, Box 1458, Billings, Montana.

Black Hills Auction School

"Where Livestock Is Used for Student Practice"

Terms in February and June of Each Year

School specializes in the training for:

- AUCTION MARKET SELLING
- REGISTERED LIVESTOCK AUCTIONEERING
- FARM SALE AUCTIONEERING

Clauses held in the Sturgis Livestock Exchange Bldg.

Write to **BLACK HILLS AUCTION SCHOOL**, P. O. Box 449, Sturgis, South Dakota

POSITIONS WANTED

Now employed as manager of feedlot and big steer operations in Southeast. Wants similar position in Texas or Oklahoma. Box 5-C, The Cattleman.

WANTED—Management of ranch or feed yards. Experienced stockman, married. Recommendations furnished. Howard G. Karre, Burwell, Nebraska.

Ranch Manager. Lifetime experience with registered and commercial cattle. Available May 15th. Has fitted and shown show herds. Prefer South or Southwest. References furnished. Box 5-X, The Cattleman.

LOOKING for a good paying job on a California cattle ranch? Stamped envelope. Dept. C, 907 12th Street, Santa Monica, California.

BRAHMANS

REGISTERED red Brahman bulls, registered gray Brahman bulls; one's to four's.—Dr. T. M. Neal, Wharton, Texas.

Pioneer Days Celebration and Rodeo May 27 - June 2

FORT WORTH . . . the Old West with all its flavor, gaiety and rowdiness will be back in vogue here for a week beginning May 27 when North Fort Worth stages its second Pioneer Days Celebration and Rodeo.

The scene of the activities will be the stockyards area with its most famous street, Exchange Avenue, dressed up as nearly as possible to resemble the old days when cowboys came to town, drank in the saloons along the street and battled each other and the packing house workers in the mud or dust of the unpaved street.

The rodeo will be staged in historic old North Side Coliseum, site of the world's first indoor rodeo. That was in 1917.

Tommy Steiner of Austin will produce the three-day rodeo which begins May 30. In order to resemble as much as possible the Old West, the frills and innovations of more modern rodeo productions have been cut out.

There'll be five main events—bronc-busting, both saddle and bareback, calf roping, steer wrestling and bull riding. A special cutting horse contest also is planned.

The Cattleman

Established 1914

OWNED BY CATTLEMEN
PUBLISHED BY CATTLEMEN
READ BY CATTLEMEN

CATTLE

TEXAS LONGHORNS

A few of these rare cattle for sale. W. B. Carson, Witter, Ark.

SHEEP AND GOATS

Interested in Angora goats? Read the Sheep and Goat Raiser. Hotel Cactus, San Angelo, Texas. The only ranch magazine published serving the Angora Goat Industry. Subscription, \$5.00 per year—Sample copy, 25 cents.

GRASS

Field Fresh

Coastal Bermuda Grass Sprigs

\$5.00 for a 2-bushel bag parcel post prepaid.
\$1.00 per bushel loaded on your truck at our field.

Phone at night for digging date.

Write for Descriptive Folder.

PAUL BRUSH NURSERY

1330-F Belmont • Tyler, Texas • Phone 4-9803

HORSES

H. H. DARKS. Quarter Horses, Wetumka, Oklahoma. Home of LEO SAN.

ANGUS

ANGUS—One or twenty purebred uniform heifers; also bulls, all breeding age. From one of Missouri's accredited beef herds. Coates Valley Hill Farms, Augusta, Missouri.

ANGUS—Performance tested, big, fast-growing type of pure Scotch breeding. Request folder and data. Wye Plantation, Queenstown, Maryland.

RANCHES—FARM LANDS

FOR SALE

80 acres about 30 miles from Durango and 1/2 mile from Allison. 67 acres under irrigation with excellent water right, balance in pasture, 2-bedroom home, good well, cistern, water piped into house, telephone, R.E.A., school bus, daily mail, barn, chicken house, sheds, all machinery including 2 tractors, milking equipment, 10 head milk cows, chickens, turkeys and ducks. Price \$18,500.00—\$8500.00 will handle, balance on easy terms.

A. A. BALL

REALTY COMPANY, REALTORS

1010 Main, Box 477, Durango, Colorado.

One of the better Western Slope Colorado Meadow Ranches, 900 acres with about 500 acres irrigated meadow and hay land, balance dry land pasture, free water rights, large creek through center of ranch, on paved highway and REA line, best of improvements, suitable for year 'round or summer operation. Priced to sell, if interested contact owner, P.O. Box 307, Carrizozo, N.M.

WESTERN MONTANA RANCHES—Mr. Stockman, Farmer, WHY fight droughts, winds, blizzards? Come, locate, bountiful—stable Western Montana. Available, several TOP stock outfits, diversified farms, businesses, retirement, income properties. **MILD, PLEASANT CLIMATE, NO DROUGHTS, NO BLIZZARDS. SPORTSMAN'S PARADISE. FISHER REALTY**, St. Ignace, Montana.

SOUTH FLORIDA Ranch, Farm and Grove Acreage, large and small tracts. Robert L. Harris, Broker, P. O. Box 926, Fort Pierce, Florida.

Colorado Ranches - FREE from Drought

25 years SELLING PRODUCING RANCHES—RELIABLE INFORMATION

48,000 acres 20 miles from Colorado Springs

19 pastures; good fences with steel and cedar posts. Miles of good cedar and pinon protection—the best in the world. Condition of cattle on ranch prove the feed is there. Very cheap operation. Excellent improvements. **PRICED TO SELL QUICK.**

HOWARD A. HART, with Howard C. Wilson Agency

213 Independence Bldg.

Colorado Springs, Colo.

Phone ME 5-3516

THE BEST COW RANCH IN UNITED STATES

or at least as good as the best. Now carrying 1500 cows and 200 horses with 200 tons of hay left over after this "DRY" year. By developing meadows can carry about 500 more head. Plenty of free water, large stream through place. Excellent natural storm protection. Beautiful 8-room strictly modern house and two tenant houses. Wonderful improvements throughout. Complete setup of power machinery—One-half oil and mineral rights. All for \$350,000. About 1/2 down. We have about 40 other ranches, farms and businesses.

What do you want?

GOOD REALTY COMPANY

"Selling in Wyoming 34 Years"

Paul H. Goodman, Mgr.

Phone 4-4143

Cheyenne, Wyoming

RANCHES—FARM LANDS

OPPORTUNITIES IN RANCHES AND STOCK FARMS

For Sale—Good ranches and stock farms of various sizes in Ala., Ark., Colo., Fla., Ga., Miss., Mo., Mont., Neb., N. Mex., Okla., S. C., Texas and Wyo. Description and prices sent on request.

JOHN C. BURNS

1205 Burk Burnett Bldg., Ft. Worth, Tex. ED 6-1657

FOR SALE—1888 Acres Osage County, Oklahoma, Bluestem Ranch, 7½ acres alfalfa land. All pastures well-fenced, ample water in all pastures. Large barn, granary, working pens, cattle shed, scales. All modern owner's residence and tenant residence. One of the finest little ranches in Oklahoma, on all-weather road near good town. First time offered, 29% down, twenty years on balance. Glenn O. Cook, Owner, 109 East Cleveland, Ponca City, Oklahoma.

TWO SOUND RANCH INVESTMENTS

7,900-ACRE SAN LUIS VALLEY IRRIGATED RANCH

A unique, valuable tract immediately south of Alamosa, Colo. Level, with a good irrigation system with abundant water rights. Eighty-acre dispersion lake. Two modernized homes. Eighteen pastures and traps with 29 artesian stock wells. For years its production of good native hay with the meadow grazing has wintered 3,500 cows or more. Offered for sale for my brother, Malcolm Stewart, and son. They will lease it at 4½% on investment. Price \$60,000 per acre.

A GOOD, BIG, EFFICIENTLY IMPROVED RANCH

Located a few miles from Arizona line, in Valencia County, N. M., on paved highway. Approximately 108,740 ac. s. 96,560 deeded, balance state lease. Fine headquarters with large attractive home. Many corrals with new shipping pens on highway costing over \$5,000. Nine extra-well fenced pastures watered by 20 strong wells with large steel storage, five springs and numerous tanks, many big ones. Open undulating country covered by all kinds of strong grasses and browse. Run 2,900 to 2,500 cows. Fifty thousand acres of valuable mineral rights, owner keeping half. Price \$1,020,000.00, 29% or less cash, balance 20 years or more equal installments at 4½% int.

EXCLUSIVE SALES REPRESENTATIVE

Willis Stewart Realty Co.

262 Korber Bldg.

Albuquerque, N. M.

RANCHES—FARM LANDS

Famous Colorado Ranch Offered for Quick Sale

This is the former home of a nationally known registered Hereford herd, on the western slope. Ideal location, on main highway, for registered or small commercial herd. Will run 275 cows. Top water rights. Cuts 300-350 tons best quality hay. Worlds of improvements. Priced right at \$116,000. Must be withdrawn from market if not sold quickly. Ask for details now!

South Dakota Ranch at Low Unit Price

3,200 acres, half deeded, balance 10-year state leases. Will carry 400-500 cows year round or 1,000 head through summer. Splendid grass, plenty stock water. Grade school on ranch. Price, \$64,000, 29% cash, balance unusually good financing. Being sold because of accident incapacitating owner. An A-1 ranch at a very low price per animal unit.

We have many other good ranches in Colorado and other mountain-plains states. Tell us what you want.

Don F. Biggs, Manager Ranch Department

MONTE CARROLL, REALTOR

261 Fillmore St., Denver, Colo.

Ph. Florida 5-1631 or Empire 6-5601

Before You Buy, Sell, or Trade For a Ranch, Contact

W. H. POWELL & COMPANY

817 Taylor St., Suite 306

Phone ED 6-8263

FT. WORTH, TEXAS

"Best Ranch Deals in the Southwest"

MOUNTAIN RANCH for sale by owner: 5600 acres, 5000 deeded. In the foothills of the White Mountains of New Mexico, 30 minutes drive from Ruidoso, tops as a cow or steer ranch, will carry 450 head, game of all kinds. Spacious home, foreman's house, well fenced, corrals, scales, windmills, earthen tanks, springs, many miles of running streams, subdivision possibilities. Priced to sell with some terms. Write or call E. J. BLAYLOCK, Ruidoso, New Mexico. Phone 4475.

FLASH—Extreme South Montana. Capacity 400, owner never fed forkful hay in 18 years. Great cow and calf ranch. Also, two highly improved small ranches in Wyoming. Bob Manuel, Colorado, Texas.

RANCHES—FARM LANDS

Something nice for the purebred cattle breeder. 1000 acres good land (750 in cultivation) fenced and cross-fenced into 10 fields and pastures. Show barn, corrals and all necessary buildings. On highway 15 miles from Waco, Texas. \$125.00 per acre. Bill Allen, 6-2147, NIX & RICHARDS, 212 S. 8th, Waco, Texas, after 5 phone 3-5608.

BLACKBELT CATTLE & SHEEP RANCHES
Finest clover & grass lands, 2 acres to cow; 63 inches rainfall, no snow. 40,000 acres. Ernest F. Randall, Realtor, P. O. Box 368, Selma, Ala.

SOUTH DAKOTA RANCH—800 acre well improved ranch. REA. 10 miles south of Ree Heights. 160 acres alfalfa, 115 Canadian Crested Wheat Grass. Balance in native grass. Price \$12,000. Some terms. L. C. LARSON & SON, Chadron, Nebraska.

THE SOUTH continues to grow in the livestock business. Keep abreast with the trends in this area through the columns of Livestock Magazine, now published monthly as a news and feature magazine. For free sample copy, write Livestock Magazine, P. O. Box 4245, Memphis 1, Tennessee.



The men listed below have had years of mortgage loan experience. Among them are operating ranchmen and farmers. They know the problems of livestock and farming; they talk your language. For confidential and prompt attention to your special needs, call on them. . . . This CM brand represents over a century of mortgage service by the Connecticut Mutual.

STERLING HEBBARD

Arizona & Western New Mexico
Tovrea Stockyards Adm. Bldg.
P. O. Box 2265, Phoenix, Ariz.

HENRY C. HALL

Colorado, Cent. & East. Wyoming, Cent. & East. Montana, Nebraska
Hall & Hall, 408 Zook Bldg.
Denver 4, Colo.

D. D. WOOD

N.E. Louisiana, S.E. Arkansas, & S.W. Mississippi
Tallulah, Louisiana

DONALD A. DRYER

Oregon, Southern Washington
H. A. Dryer Co., 525 Corbett Bldg.
Portland, Ore.

CLAUDE B. HURLBUT

Texas Panhandle, Eastern New Mexico
Southeast Colorado
1521 Texas Ave., Lubbock, Texas

H. L. MARTIN, Manager

EDWIN H. KEMRES, Inspector

DAVID L. COOK, Asst. Inspector
Southwest Division—Texas, Oklahoma, Arkansas, Louisiana & Mississippi
Frost National Bank Bldg.
San Antonio 5, Texas



The
**Connecticut
Mutual**

LIFE INSURANCE COMPANY - HARTFORD

Cattle Ranch for Sale

Written bids for the Adda L. Wynecoop ranch, consisting of 3700 acres deeded land will be accepted at the office of William D. Redle, Sheridan, Wyo. until 5 P. M. May 20, 1957.

Ranch consists of 120 acres meadow and farm land, balance good grazing land which is well watered by springs. Improvements consist of modern eight room house and rock outbuildings, R.E.A. at door. Located ten miles from Gillette on oiled highway.

Sellers will reserve one-half of all oil and mineral rights, and reserve the right to reject any or all bids. Certified check in the amount of 5% of bid must accompany bid. Additional 15% shall be paid on acceptance of bid. Additional 30% must be paid July 20, 1957. Balance will be carried on Amortized loan with interest at 5%. Sellers will furnish abstract showing clear title and possession given when terms are completed. O. S. Dickerson will show property.

Lucie H. Dickerson - - - Altamae W. Bashore

THE CATTLEMAN INDEX

VOLUME XLII, JUNE 1956 - MAY 1957

KEY TO ABBREVIATIONS

ABBA—American Brahman Breeders Association
Ag—August
Am—American
anec—anecdote
annl—annual
Ap—April
AQHA—American Quarter Horse Association
AQRA—American Quarter Racing Association
Asn—Association
asst—assistant
BAI—Bureau of Animal Industry
biog—biography
br—breeder(s)
CCC—Commodity Credit Corporation
cf—county fair
champ—champion
chm—chairman

com—committee
comm—commercial; commission
conv—convention
D—December
dept—department
descrip—description
dir—director(s)
dist—district
expo—exposition
ext—extension
F—February; fair
gen—general
govt—government
hdq—headquarters
husb—husbandry
il—illustrations
inc—incorporated
insp—inspector
internat—international
intro—introduction
Ja—January

Je—June
Jy—July
lab—laboratory
ls—livestock
Mr—March
My—May
N—November
natl—national
NQHBA—National Quarter Horse Breeders Association
O—October
obit—obituary
pic—picture
pix—pictures
port—portrait
pres—president
rep—representative
S—September
SGBI—Santa Gertrudis Breeders International
secty—secretary

sf—state fair
soc—society
stat—statistics
supr—supervisor
supt—superintendent
treas—treasurer
TSCRA—Texas and Southwestern Cattle Raisers Association
univ—university
US—United States
USDA—United States Department of Agriculture
vet—veterinary
sample title: HORSES
—Wild ranch horses, Florence Fenley, il, S56:43. An illustrated article entitled Wild Ranch Horses, written by Florence Fenley, will be found in The Cattleman of September 1956, page 43.

ABERCROMBIE, R. H.

—pic, com on arrangements and entertainment 50th annl conv TSCRA Ap57:33

ABERDEEN-ANGUS CATTLE

—my month in Scotland, K. A. Clark, il Je56:29
—Masterstons Angus carry on, il Je56:30
—Kassar and 77 Ranch change breeding program, Tom Adams, il Je56:31
—Angus cattle in Mexico, Mary W. Clarke, il Je56:32
—J. P. Walker disposes of Angus Valley Farms Je56:58
—Aberdeen-Angus cattle continue to show rapid strides in Texas, Flynn W. Stewart, pic Je56:98
—Lowrancer buy Masterstons herd Ag56:157
—18-year-old bull heads Aberdeen-Angus herd O56:199
—Missouri, Iowa, Illinois top three Angus states N56:92
—registrations show increase in 1956 N56:97
—Mexican rancher buys cattle from Texas Angus brs D56:38
—Mexican rancher buys 50 Angus bulls in Texas Je57:115
—Prince 105 TT, \$230,000 Angus bull, found dead My57:184

ABERDEEN-ANGUS CATTLE—PICTURES

—on Hyatt's Royal Oaks Angus Ranch, THE CATTLEMAN cover Je56:1; portion of brood cow herd of E. R. Kewley, Scotland, Je56:29; group steers on Rob Masterstons Ranch Je56:30; top comm cows on Masterstons Ranch Je56:30; top quality registered bulls on Masterstons Ranch Je56:30; cows in Kassar herd Je56:31; cows in 77 Ranch herd Je56:31; Prince Sunbeam 971st Je56:31; cattle on Benton Ranch in Mexico Je56:32; bull on Benton Ranch in Mexico Je56:33; Prince 105 HR Je56:37; champ pen steers, Fort Worth stocker-feeder show and sale Ag56:131; champ pen heifers, Fort Worth stocker-feeder show and sale Ag56:132; Homeplace Elevenmere 707th S56:127; Pauline of Great Oaks S56:130; champ pen of steers, Fort Worth feeder calf sale O56:95; champ pen of heifers, Fort Worth feeder calf sale O56:98; champ pen of steers, San Angelo feeder calf sale O56:100; Prince 2 of Haystack N56:77; Erianna 2 of RLS N56:77; being fed ground-up mesquite D56:34; Prince 105 JD 2nd Ja57:114; Scottish Prince Mr57:61; Edella of RLS Mr57:61; Me-com Peer Ap57:77; Black Heirns of OH Ap57:78

ABERDEEN-ANGUS CATTLE—SHOWS

—94th annl Am Aberdeen-Angus futurity S56:127; Ozark Empire f; O56:68; Ohio af O56:68; Mo. af O56:68; Ill. Sf O56:70; Iowa af O56:71; Wise, af O56:72; Nebr. af O56:72; S. D. af O56:74; Wyo. af O56:74; Ind. af O56:76; Colo. af O56:77; Kans. free f O56:77; Kans. sf O56:77; West Texas f O56:82; Central East Texas f O56:89; Fort Worth feeder calf O56:95; San Antonio stocker-feeder O56:100; tri-state f O56:125; Pan-Am. ls expo N56:77; four states f N56:88; Ark. af N56:94; Okla. af N56:94; Tulsa af N56:94; New Mexico af N56:96; Heart O' Texas N56:99; Am Royal N56:114; Grand Natl D56:98; Internat Ja57:80; win Interbreed championships at Internat Ja57:115; Natl West Fat Stock F57:110; Southwestern Expo Mr57:60; San Antonio La Expo Mr57:95; Southwestern La Show, El Paso Mr57:115; Houston Fat Stock Ap57:77; San Angelo Fat Stock Ap57:94

ABERDEEN-ANGUS SOCIETY OF AUSTRALIA

—Australia honors pedigrees of U. S. purebred Aberdeen-Angus D56:88

ABERDEEN-ANGUS TRANSACTIONS (column)

—Ja56:60; Jy56:95; Ag 56:132; O56:94; N56:92; D56:88; Ja57:115; F57:78; My57:84

ABRAMSON, MILTON E.

—trademarks for ls il D56:140

ACEVES, JOSE

—Mexican artist of El Paso excels in landscapes and westerns, Mary W. Clarke, il N56:43

ACUFF, LOY

—Hereford brs re-elect Loy Acuff pres F57:108

ADAMS, TOM

—Kassar and 77 Ranch change breeding program, il Je56:31

—the salt grass trail, il S56:46

ADDIEWAY, BILL

—pic, with champ H heifers, Fort Worth stocker-feeder sale Jy56:117

ADKINSON, G. W.

—pic, with Valentine Ap57:86

AGRICULTURAL RESEARCH

—make room for fate D56:82
—Soon—a ls systemic, il Ja57:60

ALBAUGH, REUBEN

—pic, Hawaii's 4-H beef steer show F57:50

ALVIN, PEDRO

—Mexican rancher buys cattle from Texas Angus brs D56:38

ALEXANDER, JIM

—pic, the founding of the Matador O56:43

ALEXANDER, TED

—pic, Safeway stores demonstrate facilities My57:163

ALLEN, WARREN

—pic, TSCRA field insps attend crime school O56:35

ALLEN, HEEMAN

—pic, with champ pen Angus heifers, Fort Worth stocker-feeder show and sale Ag56:132

—pic, pres Texas Angus Asn Mr57:86

—Texas Angus brs elect pres Mr57:124

ALLISON, D. V.

—root plowing proves best, il Ja57:40

ALLRED, B. W.

—grass roundup across the nation, il Ag56:40

ALMOND, MALCOLM W. (Fort Stockton, Texas)

—obit My57:80

AMERICAN ABERDEEN-ANGUS BREEDERS ASSN.

—Am Angus conference draws large crowd Je56:24

—current developments in beef cattle dwarfism research, Leslie E. Johnson, il (addr Am Aberdeen-Angus conference) Je56:38

—dedicate new natl hdqs Ag56:129

—9th Angus futurity in St. Louis, Aug. 8-9 Ag56:132

—to select college research com Ag56:138

—Texas A&M beef short course, Milton E. Miller S56:116

—Missouri girl wins natl Angus scholarship S56:130

—names its research com S56:130

—new dates announced for Am Angus conference O56:94

—Mo. ls., Ill. top three Angus states N56:92

—Aberdeen-Angus registrations show increase in 1956 N56:97

—Australia honors pedigrees of U. S. purebred Aberdeen-Angus D56:88

—Am Angus brs plan second tour to Scotland D56:93

—what beef breed asns think of ls shows—Angus, Frank Richards Ja57:38

—votes to shorten its name Ja57:112

—natl Angus conference at East Lansing, Mar. 10-12 Mr57:112

AMERICAN BEEF CATTLE REGISTRY ASSN.

—Meets in Louisville My57:91

AMERICAN BRAHMAN BREEDERS ASSN.

—what beef breed asns think of ls shows—Brahmans, Harry P. Gayden Ja57:39

—U. S. Brahman exported to 15 countries Ja57:128

—re-elect all officers Mr57:133

—Jacko Garrett shows champ Brahman heifers at Houston Ap57:100

—Am Brahman transfers into countries outside U. S. My57:56

AMERICAN BRANGUS BREEDERS ASSN.

—what beef breed asns think of ls shows—Brangus, Jesse Dowdy Ja57:39

—Brangus brs plan activities at San Antonio stock show Ja57:138

—meet in San Antonio Mr57:111

AMERICAN CHAROLAISE & CHARBRAY BREEDERS ASSN.

—to employ field man Ag56:146

—first purebred Charolaise cattle sale Nov. 3 S56:168

—Charolaise and Charbray cattle at four fairs S56:168

—Gordon Banks fieldman for Charolaise-Charbray Brs D56:106

—Mexican ranchers pay \$43,500 for Charolaise-Charbray cattle F57:104

—meet in Houston Mr57:113

AMERICAN CYANAMID CO.

—offers prizes at Am Royal Ag56:158

AMERICAN FARM BUREAU FEDERATION

—annl meeting Ja57:110

AMERICAN FOUNDATION FOR ANIMAL HEALTH

—drouth only sure way to prevent sleeping sickness Je56:90

—drouth creating serious plant poisoning threat S56:164

—vaccinate for blackleg before outbreak occurs S56:169

—ls raisers alerted to watch for listeriosis Mr57:110

AMERICAN HEREFORD ASSN.

—inaugurates junior program, il Je56:69

—bulls, some things comm cattlemen want in them, Paul Swaffar, il Ag56:39

—Max Cox to Longhorn Cement Co. S56:165

—Hereford registrations for fiscal year total 477,020 O56:90

—Texas again leading state in Hereford registrations N56:72

—merger of Hereford asns proposed and rejected D56:78

—Albert K. Mitchell pres D56:96

—revises show classes effective July 1 D56:166

—what beef breed asns think of ls shows—Herefords, Paul Swaffar Ja57:39

—approves three-generation Polled Hereford pedigrees Mr57:120

—HC Larry Domino 12 tops Hereford register of merit Ap57:99

AMERICAN MEAT INSTITUTE

—will celebrate golden anniversary Je56:65

—Texas ls marketing system one of best D56:94

AMERICAN NATIONAL CATTLEMEN'S ASSN.

—no emergency beef buying S56:8

—convention to follow Phoenix show S56:68

—cattlemen meet in Phoenix Jan. 7-9 D56:12

—Roy W. Lilley joins staff of Am Natl D56:27

—cattlemen meet in Phoenix F57:24

—fact finding com to study beef production and marketing Ap57:5

—urges caution in restocking, Don Collins, addr TSCRA conv, pic Ap57:37

AMERICAN POLLED HEREFORD ASSN.

—adds field representative Jy56:91

—Polled Hereford progress Ag56:43

—premium award if champ steer is Polled Hereford O56:92

—Polled Hereford registrations set new record O56:93

—3 major Polled Hereford shows scheduled in Texas N56:70

—Natl Polled show and sale N56:89

—Natl Polled Hereford show, Ky. f N56:89

—merger of Hereford asns proposed and rejected D56:78

—what beef breed assess think of is shows—Polled Herefords, D. W. Chittenden Ja57:38
—hikes fees on older cattle Ja57:98
—John Shifflet new press Ja57:102
—revises show classification Ja57:104
AMERICAN PUBLIC RELATIONS ASSN.
—presented natl award to Texas Beef Council Je66:16
AMERICAN QUARTER HORSE ASSN.
—resume of organization and progress, Raymond Hollingsworth S56:133
—meets in Oklahoma City Ap57:112
AMERICAN QUARTER HORSES—See: QUARTER HORSES
AMERICAN SHORTHORN BREEDERS ASSN.
—what beef breed assess think of is shows—Short-horns, Allan C. Atkinson Ja57:38
—W. H. Dilatuch pres Ja57:140
—Texas herd second in Shorthorn registrations My57:92
—secretary resigns My57:108
AMERICAN SOCIETY OF ANIMAL PRODUCTION
—two-year-old heifers have difficulty calving Ja57:59
—consumers preferences as regards beef Ja57:118
—compactness and grade vs size and weight in cattle Ja57:124
—relation of conformation to carcass traits Ja57:128
—Dr. J. C. Miller heads Ja57:140
AMERICAN VETERINARY MEDICAL ASSN.
—blackleg season brings warning from veterinarians Je56:86
—blood study may indicate why some horses are fast Je56:86
—screwworm warning Je56:15
—new instrument big help in study of bovine ketosis Je56:117
—bloat warning is issued by veterinarians Je56:125
—sore eyes are seasonal cattle disease problem S56:129
—use calf bones for human bone grafts S56:124
—artificial breeding increases N56:55
—parasites on increase N56:58
—Bangs' disease can be stopped in range herds Ja57:117
—wild animals may play part in spread of disease F57:20
—new type mucosal disease strikes cattle F57:26
—new compound promising in treating lead poisoning F57:48
—drugs alone can't control parasites F57:77
—survey shows cattle disease is widespread F57:83
—cattle with sore mouths need attention F57:96
ANDERSON, H. C., JR.
—pic, TSCHRA field insps attend crime school O56:35
ANDERSON, RAY M.
—pic, joins Vit-A-Way Je56:97
—named new vice-pres Vit-A-Way, Inc. S56:124
ANDERSON, STANLEY E.
—pic, member winning ls judging team, Am Royal D56:91
ANDY (Negro)
—pic, the founding of the Matador O56:43
ANGUS VALLEY FARMS, INC.
—pic, Angus Valley brand D56:41
ANXIETY HEREFORD BREEDERS ASSN.
—W. C. Windsor pres Ja57:46
APPALOOSA HORSES—PICTURES
—Chico's Totem Pole S56:142; Calico Babe S56:173; Chief Hawkeye S56:174; Wambles Toh S56:174; Manchata S56:174; Dawn S56:174; Patchy, Jr. S56:174; Toby, II S56:174; Chief of Four Mile O56:140; Ma Ka Eta O56:140; Mr57:133; Quannah N56:131; Dawn's Daughter N56:132; Little Britches K Mr57:133
APPALOOSA HORSES—SHOWS
—9th natl, Elko, Nev. O56:140; San Antonio Mr57:133
ARABIAN HORSES—PICTURES
—ABU FARWA No. 1960 S56:106
ARCHER, NANCY
—pic, Rio Grande Valley La show's cover girl for 1958 Ap57:90
ARIZONA SANTA GERTRUDIS ASSN.
—Walter Armer heads Ag56:150
ARLEDGE, HENRY
—pic, with grand champ heifers, Hereford stocker-feeder sale, Fort Worth N56:134
ARMER, WALTER
—heads Ariz. Santa Gertrudis Brs Ag56:150
ARMOUR & CO.
—improve feed efficiency by increasing feed additive My57:106
ARMOUR'S ANALYSIS
—meat inspection service fifty years old, Edward W. Spear, II S56:40
—beef breeding research, Jerry Sotola and Charles E. Hughes, II My57:37
ARNETT, SAM C., SR. (Lubbock, Texas)
—obit Ag56:126
ARNETT, S. BASS (Hugo, Okla.)
—obit Je56:99
ARNIM, CECIL
—pic, a member gets posted Mr57:35
ARNOLD, R. W.
—pic, member Highland Hereford Assn Ag56:33
ASKEW, A. M.
—first purebred Charolais cattle sale Nov. 3 S56:168
ATKINSON, MRS. OSCAR (Amarillo, Texas)
—obit O56:84
ATLASON, ALLAN C.
—Shorthorn secy resigns My57:108

AUDIT BUREAU OF CIRCULATIONS
—The Cattleman is a member O56:26
AUSTRALIA
—more is in Australia Ja57:128
BACA, FELICIANO
—pic, Highland Hereford Brs sale, Marfa Ap57:92
BAILEY, CLINTON
—pic, officers and dirs Texas Angus Assn Mr57:86
BAILEY, J. W.
—your veterinarian says . . . questions about calfhood vaccination Jy56:88
BAKER, JESS
—pic, the founding of the Matador O56:43
BANGS' DISEASE—See: BRUCELLOSIS
BANKS, GORDON
—fieldman for Charolais-Charbray Brs pic D56:106
BARBER, SCHUYLER COLFAX (Mont Belvieu, Texas)
—obit D56:89
BARFIELD, WILLIS
—pic, with champ pen 20 heifers, San Antonio Hereford stocker-feeder sale Je56:110
BARKER, BILL
—pic, TSCHRA conv Ap57:45
BARKER, E. J.
—pic, Camaguey ls expo, Cuba Ja57:136
—pic, receiving trophy from Mrs. R. P. Marshall, Camaguey ls expo, Cuba Ja57:138
—pic, Santa Gertrudis cattle in Cuba, Roger B. Lets, II F57:40
BARKER, MRS. E. J.
—pic, Santa Gertrudis cattle in Cuba, Roger B. Lets, II F57:40
BARKER, S. OMAR
—review of "from college to cow country" by Leon V. Almirall O56:110
BARRETT, W. B.
—pic, with champ Hereford heifers, Fort Worth stocker-feeder sale Jy56:117
BASKIN, B. J. (Bryan, Texas)
—obit N56:84
BASS, PERRY
—pic, grading-up with Santa Gertrudis Jy56:36
BAUMANN, EDGAR F.
—conservation ranching a "must," II O56:38
—Basket Ranch got ready for the drouth, II N56:52
BECKHAM, JOE
—pic, the founding of the Matador O56:42
BEEFBOARDS, INC.
—manufacturing beefpanels O56:102
BEEFMASTER CATTLE—PICTURES
—heifers on sandy loam pastures D56:33
—cows with calves on blue panicum pasture D56:33
BEKEN, ARTHUR
—pic, TSCHRA conv Ap57:44
BELL, JAKE
—pic, with champ pen Angus heifers, Fort Worth stocker-feeder show and sale Ag56:132
BELLI, TOM
—pic, with champ carload 40 heifers, San Antonio Hereford stocker-feeder sale Je56:94
BELT, BEN C.
—pic, pres Houston, Texas Chamber of Commerce Mr57:32
BENNETT, W. S.
—Panhandle Hereford Brs elect Bennett pres F57:66
BENSON, GEORGE M. (Alpine, Texas)
—obit My57:90
BENTON, IAN
—pic, Angus cattle in Mexico, Mary W. Clarke, II Je56:32
BENTON, JENNIE ROSE
—squatter's rights, Arthur Brookhart as told to Jennie Rose Benton, II D56:37
BENTON, MARGARET
—pic, Angus cattle in Mexico, Mary W. Clarke, II Je56:33
BERROTH, MRS. IDA (Fort Sumner, N. M.)
—obit F57:69
BERRY, W. T.
—pic, coach Texas A&M's winning ls judging team, Southwestern Expo Mr57:83
BIEDERMAN, HENRY
—the cattleman's corral Je56:18; Jy56:18; Ag56:30; S56:32; O56:16; N56:14; D56:14; Ja57:10; F57:12; Mr57:18; Ap57:23; My57:16
—pic, with Cecil Arnim, a member gets posted Mr57:37
BIG SPRING COWBOY REUNION AND RODEO ASSN.
—re-elects Tom Good Je56:58
BIGGS, JOHN
—pic, mgr. W. T. Waggoner estate Je56:68
—invitation to 80th annl conv TSCHRA Mr57:31
—pic, with Cecil Arnim, a member gets posted Mr57:37
—pic, pres TSCHRA Ap57:33
—give ranges chance to recover, addr TSCHRA conv, pic Ap57:35
—pic, TSCHRA conv Ap57:43
BIGGS, MRS. JOHN
—pic, TSCHRA conv Ap57:43
BIGLIN, DICK
—the new look in meat, II Je56:76
BIRD, MRS. AMERICA WALKER (Alpine, Texas)
—obit N56:84
BIRD, J. C.
—pic, member Highland Hereford Assn Ag56:33
BIRDWELL, EMORY
—pic, with champ pen of steers, Fort Worth Hereford stocker-feeder sale Je56:92
—pic, NCHA officers and dirs, 1946 S56:81

BLACKWELL, JESS (Lockhart, Texas)
—obit Jy56:77
BLASINGAME, IKE
—apple jelly a la XIT, II F57:38
BLEDSOE, FRANK (Lubbock, Texas)
—obit Ja57:88
BLUE, GRADY
—pic, NCHA officers and dirs, 1946 S56:81
BLUE PANIC GRASS
—descrip, adaptation, establishment, management N56:39
BODE, MR.
—pic, with champ carload 40 heifers, San Antonio Hereford stocker-feeder sale Je56:94
BODWELL, C. E.
—pic, member winning Okla. A&M team, beef and meat judging, Am Royal D56:82
BOND, GEORGE
—resigns as SGBI classifier Ag56:131
BONNER, W. T.
—pic, with champ Hereford heifers, Fort Worth stocker-feeder sale Jy56:117
BOOK REVIEWS
—tomorrow in West Texas, Sidney L. Miller Je56:117
—profits thru push-button feeding Ag56:166
—revised Angus history Ag56:166
—horseman of long gone river, Lloyd and Juanita Jones O56:108
—Fort Griffin on the Texas frontier, Carl Coke Rister O56:108
—the first thirty years: a history of Texas Technological College, 1923-1955, Mrs. Ruth Horn Andrews O56:109
—Arizona cutting horse, John Richard Young O56:109
—the soil bank—what it is and how it works, U. S. Publishing Co., Inc. O56:110
—from college to cow country, Leon V. Almirall O56:110
—branded west D56:62
—vaccinating chart D56:62
—feeds and feeding, Frank D. Morrison D56:62
—the cow killers D56:62
—the Palo Pinto story, Mary Whitley Clarke F57:78
—a Sioux chronicle, Geo. E. Hyde F57:79
—When grass was king, Maurice Frink, W. Turrentine Jackson, Agnes Wright Spring F57:79
—the cow killers, Bill Leftwich, Fred Gipson F57:80
BOOMHOWER, LESLIE L.
—pres, Pony of Americas Club, Inc. Ap57:116
BOOTH, T. O. (Springtown, Texas)
—obit S56:136
BOOTHE, WALTER
—pic, receiving plaque from Harrie Winston Mr57:118
BORGER, TEXAS
—pic, mural by Jose Aceves, depicting early days of Borger N56:43
BOURLAND, ARLANDO M. (Motley County, Texas)
—obit Ja57:90
BOURLAND, JACK
—pic, with champ carlot Herefords, Southwestern Expo Mr57:82
HOWERS, NED (Matador, Texas)
—obit Mr57:103
BOY, DUNCAN
—pic, the founding of the Matador O56:43
BRADFORD, CLYDE R.
—pic, dir Texas Angus Assn Mr57:86
BRADLEY, APTON
—pic, with Edella of RL&S O, senior and grand champ female, Southwestern Expo and San Antonio La Expo Mr57:61
BRADY, BILL
—pic, the founding of the Matador O56:43
BRADY, D. E.
—consumer's preferences as regards beef Ja57:118
BRAFRAD CATTLE—PICTURES
—cows on the L. Ranch Co. Ag56:37
BRAHMAN CATTLE
—bull sells for \$10,000 equalling record Ja57:124
—Brahmans to Guatemala Ja57:124
—U. S. Brahman exported to 18 countries Ja57:128
—crossbreeding with Am Brahman cattle My57:30
—male lines of descent My57:64
—transfers into countries outside U. S. My57:66
—how do you judge these Brahman cows?, A. M. Pearson, II, reprinted from County Agent and V-A-Ag Teacher My57:74
BRAHMAN CATTLE—PICTURES
—cow, bred to a purebred Hereford bull Ag56:36; Brahman cows on the L. Ranch Co. Ag56:36; Brahman cows owned by H. J. Campbell Ag56:37; cows owned by Reutel & Stratton Ag56:37; 1-Jumbo 330 N56:101; JDH Lady Mano Mano 831 N56:104; champ bull, Camaguey, Cuba Ja57:136; JDH Belito Rex Manso Mr57:64; JDH Lady Premium Manso 386 Mr57:64; JDH Lady Mano Manso Mr57:97; Webb's Repucho AA Mr57:98; Repucho's Lady Brilliant 711 Mr57:98; JDH Aristocrato Manso Ap57:81; JTG Miss Mamoto Manso, Jr. Ap57:81
—purebred bull My57:30; purebred female My57:30; 1/4 Brahman - 1/4 Hereford cow My57:31; 1/4 Brahman - 1/4 Hereford calf My57:31; 1/4 Brahman - 1/4 Hereford steer My57:31; 1/4 Brahman - 1/4 Hereford steer My57:31; 1/4 Brahman - 1/4 Hereford steer My57:31; 1/4 Brahman - 1/4 cow with 1/4 Brahman calves My57:31

BRAHMAN CATTLE—SHOWS

—Burke Bros. Brahman champs in South American shows 856:168; East Texas f 056:81; Central Texas f 056:89; first Brahman cross stocker-feeder (PAZA) N56:100; Pan-Am La Expo N56:101; Southwestern Expo Mr57:64; San Antonio La Expo (ABHA) Mr57:97; San Antonio La Expo (PAZA) Mr57:98; Houston Fat Stock Ap57:81; Rio Grande Valley La Ap57:100

BRAHMAN NEWS (column)

—Jy56:101

BRAHMAN TRANSACTIONS (column)

—Jy56:102

BRAINARD, MRS. E. S. F.

—pic, TSCRA conv Ap57:42

BRAINARD, W. W., JR.

—pic, dir Am Angus Assn Ja57:149

BRANDS AND BRANDING

—trademarks for ls, Milton E. Abramson, II D56:40

BRANGUS CATTLE—PICTURES

—Miss Bluestem CCR 2nd N56:104; Mr57:99; Ap57:83; Bluestem Zero 628 N56:113; Mr57:99; Clear View King Tut Mr57:66; Ap57:83

BRANGUS CATTLE—SHOWS

—Southwestern Expo Mr57:66; San Antonio La Expo Mr57:98; Houston Fat Stock Ap57:82

BREWER, LYMAN

—pic, the founding of the Matador 056:43

BRIAN, W. I.

—elected pres La. Cattleman's Assn Ap57:102

BRICHT, W. T.

—pic, with Homeplace Eileenmere 707th 856:127

BRIDGE, JOE H. (Falfurrias, Texas)

—obit D56:90

BRIGGS, R. W., SR.

—the future of the Santa Gertrudis breed, pic Jy56:66

—pic, at Camaguey ls expo, Cuba Ja57:136

BRITT, BILL

—pic, the founding of the Matador 056:43

BROCK, BEN F.

—pic, the founding of the Matador 056:43

BROCK, LUTHER E. (Osage Country)

—obit Ja57:84

BROOKHART, ARTHUR

—squatter's rights, as told to Jennie Rose Benton, II D56:37

BROOKHART RANCH

—pic, as it appears today, squatter's rights, Arthur Brookhart as told to Jennie Rose Benton, II D56:37

BROTHERS, BENJAMIN JETTON

—(Mt. Enterprise, Texas)

—obit Mr57:105

BROTHERS, DON

—pic, member winning ls judging team, Am Royal D56:91

BROUSSARD, J. E., SR. (Beaumont, Texas)

—obit N56:84

BROWDER, WM. B. (Conroe, Texas)

—obit Jy56:77

BROWER, WILLIAM JOSEPH (Quincy, Ill.)

—obit Ap57:92

BROWN, EDGAR W.

—pic, with grand champ steer, Houston Ap57:72

BROWN, ELLIOTT

—pic, vice-pres Am Angus Assn Ja57:149

BROWN, G. W.

—why south Texas ranchers feed prickly pear, II My57:76

BROWN, IVAN BOLEY (El Centro, Cal.)

—obit 856:140

BROWN, JOE

—pic, the founding of the Matador 056:43

BROWN, LES

—pic, drought-proofing range lands, Roger B. Letz, II N56:39

BROWN, MARK H.; FELTON, W. R.

—before barbed wire, II 056:39

BROWNE, MARK L.

—pic, drought-proofing range lands, Roger B. Letz, II N56:39

BROWNING, JACK

—pic, a new strain of sorghum alnum, Ruby H. Bush, II F57:44

BROWNLEE, MRS. HOUGHTON (Burnet, Texas)

—obit Ap57:92

BRUCCELLOSIS

—new brucellosis regulations Ja57:12

BRUSH ERADICATION

—rust plowing proves best, D. V. Allison, II Ja57:40

RUFFALOES

—pic, mountains that reach the sky, Harry Sco-bee, II D56:32

—Cowboy Collinson, Mary Whatley Clarke, II Mr57:40

RUFFEL GRASS

—descrip, adaptation, establishment, management N56:39

HUGBEE, HAROLD D.

—ls for Cowboy Collinson, Mary Whatley Clarke, part 1 Ja57:37

—ls for Cowboy Collinson, Mary Whatley Clarke, part 2 F57:36

—ls for Cowboy Collinson, Mary Whatley Clarke, part 3 Mr57:49

—ll for Cowboy Collinson, Mary W. Clarke, part IV My57:32

BULLER, G. L.

—pic, TSCRA conv Ap57:43

BULLER, WES

—pic, TSCRA conv Ap57:43

BULLMANAC

—ready for distribution 856:89

BUNDY, S. S. SR. (Roosevelt, Texas)

—obit Je56:99

BUNTIN, BILL

—pic, conservation ranching a "must" 056:88

BURNS, D.

—pic, with grand champ steers, Fort Worth feeder-stock sale Jy56:100

—pic, TSCRA conv Ap57:42

BURNS, MRS. D.

—pic, TSCRA conv Ap57:42

BURNS, JOHN

—pic, with Shorthorn cattle at Fort Worth Stockyards D56:101

BURRUS MILLS

—names two feed specialists Ag56:137

BURSON, JONATHAN (Silverton, Texas)

—obit 056:84

BURSON, MRS. TRUE

—pic, TSCRA conv Ap57:41

BURTON, BOB

—pic, mounted on Ada K. Browder Je56:104

BURTON, JUDY

—pic, mounted on Calamity Jane Je56:101

BUSH, RUBY H.

—sorghum alnum, II F57:42

BUTLER, O. D.

—relation of conformation to carcass traits Ja57:128

BUTMAN, SAM, JR. (Merkel, Texas)

—obit Je56:100

BUZZARDS

—war on buzzards, reprinted from Humble Farm Family, II Je56:34

CAMMACK, W. R.

—pic, dir Texas Angus Assn Mr57:86

CAMPBELL, CLYDE

—pres, Okla. Shorthorn Brs Assn Ap57:104

CAMPBELL, E. S. (Amarillo, Texas)

—obit Mr57:103

CAMPBELL, FRANK

—pic, dir International Charollaise CRA Je56:87

CAMPBELL, H. H.

—pic, the founding of the Matador 056:42, 43

CAMPBELL, HARRY

—pic, the founding of the Matador 056:42

CANCER

—warning by Food and Drug Administration F57:81

CARITHERS, DALE

—pic, retiring pres Am Hereford Assn D56:96

—pic, with Husker Rupert 34th D56:100

CARLEY, J. F. PAT

—pic, with grand champ steer, Houston Ap57:72

CARLTON, M. W.

—pic, Luling Foundation staff F57:117

CARPENTER, ZERLE

—pic, on winning Okla. A&M beef and meat judging team, Am Royal D56:82

CARR, HERMAN

—pic, with grand champ steers, Hereford stocker-feeder sale, Fort Worth N56:120

CARRERA, MRS. HERLINDA Q.

—pic, teacher at Sueno Ranch, Mexico Je56:32

CARROLL, MRS. GAY

—pic, registration com, 80th annl conv TSCRA Ap57:34

CARTER, AMON, JR.

—elected to fill James M. North vacancy D56:74

CARTOONS

—by James Scott N56:134

CARTWRIGHT, T. C.

—pic, Luling Foundation conducting rate of gain tests, II F57:117

CASEY, JEWELL

—white-margined spurge, II Jy56:87

—foxglove Jy56:87

—know your insects—the Italian asp, II 056:123

—Texas plants in Christmas legends, II D56:56

—the diamond back rattler, II My57:86

CATALOG NOTES (column)

—056:128; D56:109; Mr57:115; My57:109

CATERPILLAR TRACTOR COMPANY

—new plant Je56:97

—pic, caterpillar at work root-plowing rangelands in Southwest Texas N56:38

CATHEY, JAMES

—a camera sequence tells the story of a cutting horse contest 856:40

CATTLE FEEDING—See: LIVESTOCK FEEDING**CATTLE FEEDING STATISTICS—See: LIVESTOCK FEEDING STATISTICS****CATTLE INDUSTRY—See: LIVESTOCK INDUSTRY****CATTLE NEWS (column)**

—Je56:109; Jy56:118; Ag56:162; S56:185; 056:134; D56:101; Ja57:157; F57:106; Mr57:128; Ap57:107; My57:107

CATTLE NUMBERS—See: LIVESTOCK NUMBERS**CATTLE THEFTS PROSECUTIONS (column)**

—Je56:5, 14; Jy56:7; 056:7; N56:7, 8, 10; D56:8; Ja57:8; F57:6

CATTLEMAN, THE

—another birthday Je56:5

—Audit Bureau of Circulations 056:26

—looking back through the pages of The Cattleman Ja57:119; F57:14

—George W. Kleier gen mgr Hull-Dobbs ranches, pic Ap57:30

—looking back through the pages of The Cattleman My57:61

CATTLEMAN COVERS, THE

(Page numbers indicate page cover comments are on)

—from a photo by Roger B. Letz taken on Byars

Koyal Oaks Ranch Je56:5

—Santa Gertrudis cows on the King Ranch, from a color transparency by John Cypher Jy56:7

—Hereford steers on feed, from a color transparency by Frank Reeves Ag56:5

—the cutting horse, from a painting by George Phippen 856:5

—going to the roundup, from a photo by L. A. Huffman 056:7

—shipping time, from a photograph by Roger B. Letz N56:8

—an old-fashioned Christmas, from a painting by Jack Knox D56:7

—the champion steer of the world, 1876, from a Currier and Ives print Ja57:5

—flying hoofs, Charles M. Russell F57:5

—morning sun, Frank Tenney Johnson Mr57:5

—the wagon boss, Charles M. Russell Ap57:5

—champions, color transparency by Roger B. Letz My57:7

CATTLEMAN HEREFORD REGISTER OF VALUE, THE

—July 1, 1955 to June 30, 1956 Ag56:45

CATTLEMAN'S BOOK SHELF, THE—See: BOOK REVIEWS**CATTLEMAN'S CORRAL, THE (column)**

—edited by Henry Biederman Je56:18; Jy56:18; Ag56:30; S56:32; 056:16; N56:14; D56:14; Ja57:10; F57:12; Mr57:18; Ap57:23; My57:16

CAVINESS, OLEN

—buys half interest in Real Prince Domino 150th Ag56:114

CHANDLER, GLENN

—pic, Texas A&M's winning ls judging team, Southwestern Expo Mr57:83

CHAPPELL, FRANK H., JR.

—pic, responded to addr of welcome on behalf of visiting cattlemen Ap57:34

CHARBRAY CATTLE—PICTURES

—King Rue 610 N56:110; Queen Rue 63 N56:110; Figure 4 Ranch 517 Mr57:127; Miss Figure 4 Ranch 507 Mr57:127; Miss Hilltop 18 Ap57:83; Lucky 157 Ap57:84

CHARBRAY CATTLE—SHOWS

—Heart O'Texas f N56:109; San Antonio La Expo Mr57:101; Houston Fat Stock Ap57:83

CHAROLAISE CATTLE—PICTURES

—Sir Lancelot N56:110; Queen Rue 618 N56:114

CHAROLAISE CATTLE—SHOWS

—Heart O' Texas f N56:104

CHAROLAISE CATTLE

—new booklet on crossbreeding N56:110

CHAROLAISE CATTLE—PICTURES

—Fabian Jy56:111; Major M-99 Mr57:101; Nikki Chica Mr57:101; Miss Lee Ap57:84; Sir Lancelot Ap57:86

CHAROLAISE CATTLE—SHOWS

—East Texas f 056:81; San Antonio La Expo Mr57:101; Houston Fat Stock Ap57:84; Rio Grande Valley La Ap57:100

CHARTS AND GRAPHS

—offspring produced by 6 types of matings Je56:38

—common close relationships of dwarfs Je56:40

—percentage of carrier bulls which would be expected to escape detection Je56:42

—percentage of carrier bulls which would sire no dwarf calves Je56:42

—standard of excellence by which Santa Gertrudis cattle shall be judged Jy56:40

—increased feedlot, market and carcass weights of steers fed antibiotics over those in control group Ag56:49

—increased feedlot, market and carcass weights of steers fed stilbestrol over those in control group Ag56:49

—increased feedlot, market and carcass weights of steers fed a combination of stilbestrol with an antibiotic over the control group Ag56:49

—a comparison of increased gains from feeding antibiotics alone, stilbestrol alone, and a combination of stilbestrol with antibiotics Ag56:49

—tons of hay produced per acre from 1945-1953 at Fargo, N. D. Ag56:80

—important facts about grasses in U.S. Ag56:86

—important facts about legumes in U.S. Ag56:90

—horse and mule census 856:24

—relative amount of gold to support deposits, currency and federal debt N56:20

—U.S. gold reserve vs requirements and potential claims 1922-1955 N56:20

—cattle and calves on feed in 12 states N56:24

—eight years beef production on the John L. Basket Ranch N56:34

—cattle numbers, beef production and population D56:75

—all sheep and lambs: number on farms and total value, Jan. 1, 1957 Mr57:12
 —ls and poultry on farms, value per head, and total value Jan. 1, 1948-57, U.S. Mr57:14
 —how carcass contest winners rated on various points My57:39
 —Am Brahman transfers into countries outside U. S. My57:66
 —feed cost comparison My57:76
CHERRY, RUSSELL
 —pic, with Bolivar Ap57:90
CHICAGO, QUINCY AND BURLINGTON
 —special train service for ls shippers O56:39
CHITTENDEN, D. W.
 —polled Hereford progress, pic Ag56:43
 —what beef breed assess think of ls shows—Polled Herefords, Ja57:38
CHITTIM, J. M.
 —pic, dir Internatl Charollaise CRA Je56:87
CHRISTIAN, DIANN
 —pic, with Mr. Kentucky Ap57:90
CHUCK WAGON (column)
 —Je56:50; Jy56:58; Ag56:106; S56:88; O56:50; N56:48; D56:48; Ja57:46; F57:54; Mr57:32; Ap57:91; My57:57
CHUCK WAGONS—PICTURES
 —L H 7 Ranch S56:46
CHUKARS
 —a new game bird, Mike Rinehart, il O56:56
CIRCLE M RANCH
 —pic, CMR brand D56:40
CLARK, DUANE
 —pic, dir Am Angus Assn Ja57:149
CLARK, K. A.
 —my month in Scotland, il Je56:29
CLARKE, MARY WHATLEY
 —Angus cattle in Mexico, il Je56:32
 —the world's greatest cattle king, il Ag56:38
 —the founding of the Matador, il O56:42
 —Jose Aceves, il N56:43
 —Cowboy Collinson, il, part I Ja57:37
 —Cowboy Collinson, il, part II F57:36
 —Cowboy Collinson, il, part III Mr57:40
 —convention personalities, il Ap57:40
 —pic, TSCRA conv Ap57:40
 —Cowboy Collinson, il, part IV My57:32
CLEGG, GEORGE
 —pic, TSCRA conv Ap57:42
CLIFF, EARL
 —pic, Safeway division mgr My57:103
CLINE, HERBERT
 —pic, dir Am Angus Assn Ja57:149
COHEN, MAURICE
 —pic, with champ pen 20 steers, San Antonio Hereford stocker-feeder sale Je56:115
COLEMAN, JOHN
 —pic, a new strain of sorghum alnum, Ruby H. Bush, il F57:42
COLLIER, MRS. MAY WARD (Pecos, Texas)
 —obit D56:90
COLLINS, DON
 —seek new laboratory site, named chm of com Jy56:16
 —pic, re-elected pres Am Natl Cattleman's Assn F57:24
 —urges caution in restocking, addr TSCRA conv, pic Ap57:37
COLLINS, MRS. DON
 —pic, TSCRA conv Ap57:43
COLLINS, FRANK
 —Cowboy Collinson, Mary Whatley Clarke, il, part I Ja57:37
 —Cowboy Collinson, Mary Whatley Clarke, il, part II F57:36
 —Cowboy Collinson, Mary Whatley Clarke, il, part III Mr57:40
 —Cowboy Collinson, Mary Whatley Clarke, il, part IV, My57:32
COLORADO A&M COLLEGE
 —research grant to study infectious rhinotracheitis Jy56:98
COLORADO CATTLEMAN'S ASSN.
 —hold 89th annl conv Jy56:109
COLQUITT, HOMER
 —pic, member Highland Hereford Assn Ag56:33
CONCHO HEREFORD ASSN.
 —sponsoring San Angelo sale Ag56:116
CONDELL, WILLIAM (El Dorado, Kans.)
 —obit D56:89
CONNER, WILLIAM D. (Benjamin, Texas)
 —obit Je56:99
COOK, MRS. A. V.
 —pic, TSCRA conv Ap57:44
COOK, HERBERT
 —pic, root plowing proves best, D. V. Allison, il Ja57:41
COOPER, GEORGE
 —pic, with Edella of RLS 9th, senior and grand champ Angus female, Southwestern Expo and San Antonio Exo Mr57:61
COOPER, HAL
 —pic, with champ carlot of Herefords, Southwestern Expo Mr57:82
COPENHAVER, DEB
 —pic, rodeo's bouncing broom tails, A. J. Kenard (Willard Porter), il, S56:50
COQUAT, BOB
 —pic, PAZA good will tour to Mexico Ag56:138
COQUAT, HENDERSON
 —pic, dir Internatl Charollaise CRA Je56:87
COQUAT, TOM
 —pic, PAZA good will tour to Mexico Ag56:138
CORRECTIONS
 —grass roundup across the nation S56:114
COTTON, B. C.
 —pic, dir Am Angus Assn Ja57:149

COUEY, MARVIN

—pic, with champ pen Angus steers, Fort Worth stocker-feeder show and sale Ag56:131
 —pic, dir Texas Angus Assn Mr57:86
COUNTY, ELLIS
 —pic, the founding of the Matador O56:43
COURTADE, ARTHUR H.
 —heads new courses at T.C.U. in farming, ranching Jy56:44
COWBOYS
 —the cowboy strike, Joe Heflin Smith Jy56:35
 —wild steeds of the sea, il S56:44
 —cowboys and Indians of Germany, Geo. E. Hyde, il S56:48
 —the old cowboy's vanishing vest, R. D. Holt, il N56:42
COX, D. C.
 —pic, a new strain of sorghum alnum, Ruby H. Bush, il F57:44
COX, MAX
 —to Longhorn Cement Co. S56:165
COX, OTIS
 —pic, PAZA good will tour to Mexico Ag56:138
CRACHEL, N. G. (Harlan, Ia.)
 —obit My57:82
CRAWFORD, JOHN GILLIAM (Brewster County, Texas)
 —obit F57:69
CRAWFORD, W. H. (Amarillo, Texas)
 —obit Mr57:105
CREIGHTON, CHARLIE
 —pic, area vice-pres Texas Hereford Assn Mr57:71
CREWS, J. M.
 —pic, TSCRA conv Ap57:42
CREWS, MRS. J. M.
 —pic, TSCRA conv Ap57:42
CROCHET, S. L.
 —pic, secty Internatl Charollaise CRA Je56:87
CROPS—AGRICULTURAL
 —drouth affecting Texas crops Jy56:20
 —larger acreage to Texas crops Ag56:16
 —Texas cotton outlook Ag56:28
 —Texas crops suffering from drouth S56:10
 —Texas cotton prospect 3,609,000 bales S56:12
 —grain exports up 46 percent S56:22
 —rain helps relieve Texas drouth D56:16
CROPS—LIVESTOCK
 —pig crop down Jy56:14
 —record Texas calf crop for 1956 S56:6
 —smaller Texas lamb crop S56:28
 —horse and mule census S56:24
 —smaller fall pig crop indicated N56:24
 —more sheep and lambs to be fed D56:18
 —two percent drop in cattle and calves on farms Jan. 1, 1957 Mr57:16
 —wool production off in 1956 Ap57:8
 —mohair production up 8 per cent Ap57:8
CROSSON, T. C.
 —pic, member Highland Hereford Assn Ag56:33
CRUMP, RICH
 —pic, old-timers meet O56:44
CUBA
 —Santa Gertrudis cattle in Cuba, Roger B. Lets, il F57:39
CULWELL, H. E.
 —again heads Texas Cowboy Reunion Assn Ag56:141
CURACAO
 —foot and mouth disease on My57:26
CURLIN, JIM
 —pic, the founding of the Matador O56:42
CURRIER AND IVES
 —the champ steer of the world, 1876, the CAT-TLEMAN COVER Ja57
CUTHBERT, SAM
 —pic, TSCRA conv Ap57:42
CUTTING HORSES
 —top ten as of Aug. 15, 1956 S56:82
 —six-year-old cutting horse rider (Ken Welch), il S56:84
 —Marion's Girl 1956 NCHA champ cutting horse, il D56:124
CUTTING HORSES—CONTESTS
 —Santa Rosa, a camera sequence tells the story, James Cathey F56:40
 —natl champs, July 1, 1955 to June 30, 1956 S56:146
CYPHER, JOHN
 —Santa Gertrudis cows on the King Ranch, color transparency, the CATTLEMAN COVER Jy56
DALTON, PAT
 —pic, NCHA officers and dirs, 1946 S56:81
DANCIGER, JACK
 —pic, presenting Angus bull to Alfonso Varela of the University of the Republic of Uruguay Jy57:114
DANSEY, MIT
 —pic, TSCRA conv Ap57:42
DARLOW, A. E.
 —pic, with Homeplace Ellenmere 707th S56:127
DARROH, HENRY
 —pic, dir Internatl Charollaise CRA Je56:87
DAVENPORT, JOHN
 —pic, wild ranch horses, Florence Fenley, il S56:43
DAVENPORT, ROLLIE
 —pic, wild ranch horses, Florence Fenley, il S56:43
DAVIS, MERRICK (Albany, Texas)
 —obit Ja57:90
DAY, MRS. JOE SR. (Rhome, Texas)
 —obit Ag56:126
DEAKINS, HOMER
 —pic, dir Texas Angus Assn Mr57:86

DEAVER, H. J.

—pic, with champ pen Angus heifers, Fort Worth stocker-feeder show and sale Ag56:132
DEAVER, H. J., JR.
 —pic, with champ pen Angus heifers, Fort Worth stocker-feeder show and sale Ag56:132
DE HERARD, FRED C. (Kremmling, Colo.)
 —obit S56:136
DECKER, W. B. (Fort Worth, Texas)
 —obit F57:68
DELTA SANTA GERTRUDIS ASSN.
 —meets at Winrock Farm D56:105
DICK, J. C.
 —pic, TSCRA field insps attend crime school O56:35
 —pic, TSCRA conv Ap57:45
DIFEE, RAYMOND
 —pic, grading-up with Santa Gertrudis Jy56:36
DILATUSH, W. H.
 —Shorthorn brs elect pres Ja57:140
DISTRICT BEEF CATTLE PERFORMANCE ASSN.
 —providing weighing service D56:107
DOBIE, DUDLEY
 —a queen of the cow country (Mrs. M. A. Hin-nant), il Jy56:46
DOBIE, J. FRANK
 —the first Spanish cattle, to Marcus Snyder, Chapter I, The Longhorns, il Mr57:34
DOBIE RANCH
 —rounding up the wild ones, Roger B. Lets il O56:35
DODSON, ELMORE H. (Dodson, Texas)
 —obit Ap57:92
DOOLIN, C. E.
 —pic, feeding mesquite to cattle, il, reprinted from Humble Farm Family D56:34
DORFMAN, SAM Y., SR. (Longview, Texas)
 —obit F57:69
DOTY, VES
 —pic, with Gold Co-Pilot Ag56:106
DOWDY, JESSE
 —what beef breed assess think of ls shows—Brangus Ja57:39
DRACE, ADAM
 —pic, the founding of the Matador O56:42
DRACE, J. W.
 —pic, TSCRA field insps attend crime school O56:35
DRACE, OLLIE
 —pic, founding of the Matador O56:42
DRACE, PRESTON
 —pic, founding of the Matador O56:42
DRACE, MRS. PRESTON
 —pic, founding of the Matador O56:42
DRACE, WILL
 —pic, founding of the Matador O56:42
DRAKE, MRS. CARL
 —pic, TSCRA conv Ap57:44
DROUTH
 —affecting Texas crops Jy56:20
 —immediate relief urged for drouth disaster areas Ag56:5
 —relief for drouth sufferers S56:5
 —Texas crops suffering from drouth S56:10
 —creating serious plant poisoning threat S56:164
 —feed for drouth areas O56:8
 —reduced freight rates on hay and ls N56:8
 —drouth-proofing range lands, Roger B. Lets, il N56:38
 —Basket Ranch got ready for the drouth, Edgar F. Baumann, il N56:52
 —rains help relieve Texas drouth D56:16
 —Pres Eisenhower's drouth tour F57:5
DUDLEY, GAIL
 —pic, area vice-pres Texas Hereford Assn Mr57:71
 —pic, Highland Hereford Brs sale, Marfa Ap57:92
DUNE, ERNEST
 —pic, with Cecil Arnim, a member gets posted Mr57:37
 —pic, Safeway stores demonstrate facilities My57:103
DUKE, NORMAN
 —Burrus Mills names two feed specialists Ag 56:137
DUNN, MRS. JOHN
 —pic, TSCRA conv Ap 57:41
DWARFISM—See: LIVESTOCK BREEDING
EAST, JOEL ODEB (Oklahoma City, Okla.)
 —obit S56:140
EAST TEXAS CHAMBER OF COMMERCE
 —Harry Moore honored by O56:125
EAST TEXAS SANTA GERTRUDIS BREEDERS ASSN.
 —S56 field day at Rush Creek Ranch Je56:91
EASTERLING, A. C.
 —pic, member Highland Hereford Assn Ag56:33
EATON, PISTOL PETE
 —pic, old-timers meet O56:46
ECHOHAWK, BRUMMETT
 —sketch of mare and colt S56:60
 —sketch of horses S56:110
 —sketch of horse and man S56:115
ECHOLS, BUCK
 —pic, TSCRA field insps attend crime school O56:35
ECKERT, JOHN C.
 —pic, with champ pen 10 heifers, San Antonio stocker-feeder sale (Hereford) Je56:110
ECKOLS, EUGENE (Kennedy, Texas)
 —obit S56:128
EDWARDS, MRS. JACK
 —pic, portrait of Dean W. Stangiel of Texas Tech D56:92

EDWARDS, KIRK

—pic, with champ carlot Herefords, Southwestern Expo Mr67:82.

ERENBERG, W. F.

—pic, TSCRA conv Ap57:42

EISENMANN, ROLAND

—pic, with Gold Co-Pilot Ag56:109

ELDER, HENRY

—Hereford stocker-feeder sales at Fort Worth proving highly successful, II Ag56:112

ELIJAH, HOOT

—Oklahoma City market news Mr67:128; Ap 57:108

ELLIOTT, EDWARD O.

—pic, with Homeplace Eileenmere 707th S56:127

—pic, dir Am Angus Assn Ja57:149

ELLIOTT, MRS. EDWARD O.

—pic, with Homeplace Eileenmere 707th S56:127

ELLS, RALPH

—pic, with champ pen 10 steers, San Antonio Hereford stocker-feeder sale Je56:110

ERICKSON, RUDY

—pic, champ meat judging team, Southwestern Expo Mr57:126

ESPY, JOE W.

—pic, member Highland Hereford Assn Ag56:38

ESTES, LON MILLER (Stanton, Texas)

—obit F57:68

EVANS, DON

—Kansas City cattle news Ja57:107; F57:107; Mr57:128; Ap57:107

EVANS, THOMAS LEE (Miles, Texas)

—obit Jy56:76

EVERETT, DEWEY

—pic, NCHA officers and dirn, 1946 S56:81

EVERETT, JAMES

—pic, with grand champ steer, Pan-Am La Expo N56:74

—pic, with grand champ steer, Houston Ap57:72

EXPORT-IMPORT BANK

—Mexican cattle purchases O56:7

EXPOSITION, FAIRS AND SHOWS (General)

—Am Royal Assn met for Oct. 20-28 Je56:62; seven S.G. shows scheduled Je56:90; Bransonia county colt show to be held Jy 22 Je56:91; natl Appaloosa show at Elko, Nev., July 21-22 Je56:110; natl Polled Hereford show-ale Nov. 28-30 Je56:110; beef cattle judges at Texas f named Jy56:86; qh and Palomino judging school Jy56:86; Heart O Texas f to award \$35,073 in prizes Jy56:89; two Hereford stocker-feeder sales at San Antonio Jy56:90; Texas Polled Hereford state show and sale, Sept. 8-10 Jy 56:91; Natl Western Polled Hereford sale, Jan. 14 Jy56:91; Texas f offers \$33,150 in prizes Jy56:99; PAZA to show Zebu cattle at Internatl Jy56:118; state fairs and expos, actys or mgns Jy56:125; Natl Polled Hereford show and sale Nov. 28-30 Ag56:68; West Texas f to be revived Sept. 10-14 Ag56:72; Texas brs invited to compete at Albuquerque Ag56:116; Panhandle district f is show Sept. 11-15 Ag56:125; Tulsa f offers \$33,216 in premiums Ag56:133; deadlines for Am Royal entries announced Ag 56:137; Heart O Texas f supts named Ag 56:141; Natl Western offers added attractions Ag56:145; six beef breeds to compete at Heart O Texas f Ag56:147; Rio Grande Valley Brs organize com Ag56:147; Grand Natl offers \$36,370.50 in premiums Ag56:151; silver anniversary Houston Fat Stock show Feb. 29-March 3 Ag56:151; qh show at Heart O Texas f Ag56:157; Am Cyanamid offers prizes at Am Royal Ag56:158; judging scheduled for Heart O Texas f Ag56:158; state fairs and expos Ag56:163; San Antonio is show dates Feb. 8-17 Ag56:165; all-Arabian horse show, Texas f Sept. 7-8 S56:58; Sept. 11 Roy Largent day at West Texas f S56:120; Sept. 15 deadline for Ark. is expo S56:132; three popular horse breeds to compete at Texas f S56:139; Charolais and Charbray cattle at four fairs S56:138; Pan-Am is expo exclusively a breeding stock show S56:133; breeder cattle sales added to Rio Grande show O56:64; Grand Natl offers \$34,263 in premiums O56:81; Brahman, Santa Gertrudis, Zebu to show in Peru O56:121; Santa Gertrudis to compete at La Delta f O56:121; junior is show at Fort Worth enlarged O56:122; making elaborate plans for Natl Polled Hereford show O56:122; top cutting horses at Grand Natl O56:123; qh sale scheduled during Fort Worth show O56:129; Santa Gertrudis judging school at Pan-Am Expo O56:142; twelve cattle breeds to compete at Houston show N56:146; 3 major Polled Hereford shows scheduled in Texas N56:70; Fort Worth fat stock show will offer \$181,000 in premiums N56:72; is officials of Houston show named N56:96; Natl Polled show and sale N56:98; Natl Western stock show premium books mailed N56:110; Jan. 1 deadline for Fort Worth horse show entries D56:64; Rand Hills Hereford and qh show Jan. 1-5 D56:68; Amon Carter, Jr., elected to fill James M. North vacancy D56:74; Ariz. Natl has two purebred sales scheduled D56:92; is judging program, Ariz. Natl D56:93; three dairy breeds to compete at Southwestern Expo D56:94; is judging program, Rand Hills Hereford and qh D56:94; seven beef breeds to compete at Fort Worth D56:95; supts for Fort Worth is show named D56:98; Amarillo show Jan. 18-25 D56:99; Santa Gertrudis show at Camaguey, Cuba, Dec. 10-16 D56:104; forthcoming major is expos D56:110; Appaloosa horse show during San Antonio La Expo D56:111; is shows Ja

57:34; what beef breed assns think of is shows Ja57:58; is judging program, Southwestern Expo Ja57:59; is judging program, Natl Western stock show Ja57:56; Amarillo stock show Jan. 19-25, II Ja57:74; is judging program, Amarillo Fat stock show Ja57:82; is judging program, Southwestern is show Ja57:84; horned and polled Hereford sales during Denver show Ja 57:104; record entries anticipated for 1957 Southwestern La show Ja57:123; natl Santa Gertrudis show at Fla. of Ja57:132; cf elects Thornton Ja57:140; over 300 bulls expected for Fort Worth carlot-ens show Ja57:144; big assortment of range bulls in El Paso sale Ja 57:149; Fort Worth stock show features qh sale Ja57:154; ten stocker-feeder sales scheduled at San Antonio: F57:76; Rio Grande beef syndicates host is shows F57:76; judging program, San Antonio La Expo F57:109; to present ten Charbray heifers at Houston show F57:116; is judging program, Houston Fat Stock show F57:116; Natl Western to classify junior steers on age basis Ap57:93; Fort Worth stock show most successful ever held My57:62; Fort Worth Horseshoe Club children's show June 8-9 My 57:91; Pan-Am Expo offers \$86,095 in premiums My57:91; range riders rodeo My57:92; Post Stampede rodeo May 15-18 My57:96

EXPOSITIONS, FAIRS AND SHOWS**(Winners)**

—qh show, Santa Rosa Roundup Je56:96; qh show, San Angelo Je56:101; qh show Sonoma Jy56:56; Abilene Range Riders Jy56:59; Plainview qh Jy56:118; Angus stocker-feeder, Fort Worth Ag56:131; Stamford Ag56:157; Horseshoe Club, Fort Worth S56:119; 9th annl Am Aberdeen-Angus Futurity S56:127; Brahman, South America S56:168; qh, Parker County Centennial S56:169; four states qh S56:170; Ozark Empire f O56:68; Ohio of O56:68; Mo. of O56:68; Ill. of O56:70; Iowa of O56:71; Wisc. of O56:72; Neb. of O56:72; D. of O56:74; Wyo. of O56:74; Ind. of O56:76; Colo. of O56:76; Kans. Free f O56:77; Kans. of O56:77; 41st annl East Texas f O56:80; West Texas f O56:82; Central East Texas f O56:89; Central Texas f O56:89; Hereford stocker-feeder, Fort Worth O56:91; East Texas f, S. G. O56:117; South America B. G. Bogota, Colombia O56:120; tri-state f O56:125; 9th Natl Appaloosa horse O56:140; Appaloosa show Natl O56:140; Appaloosa, New Orleans O56:140; qh, Colo. of O56:140; Palomino, Fort Worth O56:141; horse, Wyo. of O56:141; Jackabore Fire Dept. horse O56:141; Donley county f, qh O56:142; Magic Empire Hereford N56:73; Pan-Am La Expo N56:74; Shorthorn, of Texas N56:78; Texas-Okla. f, Hereford N56:80; four states f N56:88; Ky. f N56:89; Texas-Okla. f, Angus N56:91; Ark. of N56:94; Okla. of N56:94; Tulsa of N56:94; New Mexico of N56:96; Texas Hereford Assn, Fort Worth Market Institute N56:98; Heart O Texas f N56:99; first Brahman cross stocker-feeder N56:100; Brahman show, Pan-Am La Expo N56:101; Charolais-Charbray, Heart O Texas f N56:104; Rue Ranch shows champ Charbray cattle at Waco N56:109; Am Royal La Expo N56:111; S.G. winners at recent shows N56:124; qh show, of Texas N56:124; Ellis county qh N56:129; qh show, Heart O Texas f N56:130; South Texas Hereford D56:72; Aberdeen Angus steer grand champ at Grand Natl D56:88; South Texas f D56:103; Herefords score heavily at Grand Natl D56:110; excellent qh show, Am Royal D56:126; Internatl La Expo Ja57:80; Natl Polled Hereford Ja57:92; Angus win four interbreed champs at Internatl Ja57:115; S. G. show in Cuba Ja57:136; qh show, Ogden, Utah Ja57:156; Hawaii's 4-H beef steer show F57:50; Natl Western F57:88; Sand Hills Hereford F57:94; Ariz. Natl La show F57:108; Amarillo Fat Stock show F57:110; Sand Hills qh F57:120; Natl Western qh F57:125; Southwestern Expo Mr57:55; San Antonio La Expo Mr57:90; Abilene Fat Stock show Mr57:109; Hereford carlot and pens, Southwestern Expo Mr57:114; Southwestern La, El Paso Mr57:115; S. G. at Florida of Mr57:124; qh, Southwestern Expo Mr57:131; Palomino, Southwestern Expo Mr57:131; qh, San Antonio La Expo Mr57:132; Appaloosa, San Antonio La Expo Mr57:133; Houston Fat Stock show Ap57:72; S. G., Mercedes Ap57:88; San Angelo Fat Stock show Ap57:94; Texas Polled Hereford, Marshall Ap57:96; Rio Grande Valley La show Ap57:96; Okla junior la Ap57:96; LSU La Ap57:99; Kissimmee Valley La Ap57:100; Rio Grande Valley La Ap57:100; Central Florida f Ap57:109; qh show, Houston Ap57:112; qh show, Rio Grande Valley La Ap57:116; Tucson qh show My57:111

FALIN, DEEDEE

—pic, with Mr. Kentucky Ap57:90

FARM PRODUCTS

—use of farm products in 1975 S56:18

FARMER, AL

—pic, with grand champ steers, Hereford stocker-feeder sale, Fort Worth N56:120

FARMERS' TAX GUIDE

—available free Ja57:82

FAUDREE, BILL

—pic, dir Texas Angus Assn Mr57:86

FAUDREE, MRS. BILL

—pic, TSCRA conv Ap57:48

FEDERAL RESERVE SYSTEM

—is credit problems, Charles N. Shephardson, addr TSCRA conv, pic Ap57:37

FELTON, G. WILLIAM (Great Forest, Ark.)

—obit Ap57:92

FELTON, W. R.; BROWN, MARK H.

—before barbed wire, II O56:39

FENCE-CUTTING

—magazine article features story on fence-cutting rings Ag56:137

FENLEY, FLORENCE

—wild ranch horses, II S56:43

FERNDAL RANCH

—pic, G-Fern brand D56:41

FERRELL, FRED, JR.

—agains heads Okla. Hereford Brs Ap57:93

FEW, BILL

—pic, with champ pen of steers, Fort Worth Hereford stocker-feeder sale Je56:92

—pic, with champ pen of heifers, Fort Worth Hereford stocker-feeder sale Je56:102

—pic, with champ pen of Angus steers, Fort Worth stocker-feeder show and sale Ag56:131

—pic, with grand champ steers, Hereford stocker-feeder show, Fort Worth O56:91

—pic, with grand champ heifers, Hereford stocker-feeder sale, Fort Worth N56:134

—elected pres Colorado Cattleman's Assn Jy56:100

—SG on the Bar B Ranch Je56:89

—Kush Creek Ranch Je56:91

—Bluebonnet experiment sta Je56:105

—SG at Kennemer's Jy56:72

—SG at Bar B Ranch Ag56:150

—Bluebonnet experiment sta Ap57:109

—PanTech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

—Pantech Farms My57:109

FRAZIER, MRS. BETTY
—pic, exec secy-treas Internat Charollaise CRA Je56:87

FRENZEL, JOHN
—pic, with Scottish Prince, grand champ Angus bull, Southwestern Expo Mr57:61

FROST, C. M.
—pic, dir Internat Charollaise CRA Je56:87
—pic, TSCRA conv Ap57:42

FROST, JACK
—Bullmanac ready for distribution S56:89

FROST, VERNON
—pic, com on arrangements and entertainment, 80th annl conv TSCRA Ap57:33
—pic, chmn conv's registration com Ap57:34

FROST, W. P. (Van Horn, Texas)
—obit S56:138

FRY, FRANK
—pic, TSCRA field insps attend crime school O56:35

GALL, JOHN C.
—elected pres Am Angus Assn Ja57:112
—pic, pres Am Angus Assn Ja57:149

GALVAZ, MILTON
—pic, Camaguey Is show, Cuba Ja57:136

GARCIA, ESTEBAN
—pic, heads PAZA Ap57:100

GARCIA, LUPE
—pic, with Bolivar Ap57:90

GARD, WAYNE
—on a ten-dollar horse, II S56:52

GARRETT, JACKO
—shows champ Brahman heifers at Houston Ap57:100

GARRISON, HOMER, JR.
—pic, TSCRA field insps attend crime school O56:35

GARZA, HUMERTO
—pic, plenty land—no grass, Jack E. Megason and Chas. G. Rogers, II D56:33

GARZA RANCH
—plenty land—no grass, Jack E. Megason and Charles G. Rogers, II D56:33

GATLIN, WALTER
—joins staff of Vit-A-Way Jy56:103

GAYDEN, HARRY P.
—what beef breed assns think of Is shows—Brahman Ja57:39

GERMANY, E. B.
—pic, with grand champ steer, Pan-Am Is expo N56:74

GIESLER, FRED
—check on protein in feed ration Ja57:141

GILBREATH, DOW
—pic, TSCRA conv Ap57:45

GILBREATH, MRS. DOW
—pic, TSCRA conv Ap57:45

GILBREATH, JIM
—pic, TSCRA conv Ap57:45

GILBREATH, MRS. JIM
—pic, TSCRA conv Ap57:45

GILLESPIE, G. Y.
—heads Greenbelt Hereford Bra D56:95

GILLET, J. B.
—pic, member Highland Hereford Assn Ag56:33

GIVENS, FRANK
—pic, old-timers meet O56:44

GIVENS, RUFUS
—pic, old-timers meet O56:44

GLASCOCK, GEORGE
—pic, NCHA officers and dirs, 1946 S56:81

GLEM, GEORGE
—pic, member Highland Hereford Assn Ag56:33

GLOVER, B. J., SR. (Kermit, Texas)
—obit Ag56:126

GOLDBERG, A. (Denver, Colo.)
—obit My56:77

GOLDSTON, WALTER L. (Houston, Texas)
—obit F57:69

GOOD, BYRON
—pic, with Homeplace Eileenmere 707th S56:127

GOOD, TOM
—Big Spring Cowboy Reunion re-elects Je56:58

GORDON, GALE
—pic, champ meat judging team, Southwestern Expo Mr57:326

GORMAN, JOHN A.
—what we owe the Thoroughbred and oriental horses, II S56:106

GRACEY, E. J.
—pic, com on arrangements and entertainment, 80th annl conv, TSCRA Ap57:33

GRAHAM, B. H.
—pres of Okla. Angus Bra Ap57:98

GRAHAM, GEORGE
—dir Am Angus Assn Ja57:149

GRASSES
—grass roundup across the nation, B. W. Allred, II Ag56:140
—conservation ranching a must, Edgar F. Baumann, II O56:38
—drought-proofing range lands, Roger B. Lets, II N56:38
—a new strain of sorghum alnum, Ruby H. Bush, II F57:42
—range reseeding can make a more successful ranch operation, D. B. Polk, II Mr57:38

GRAY, C. P. (Brady, Texas)
—obit F57:59

GREAT BRITAIN
—British bra buying Polled Herefords in U.S. Ja57:107

GREEN, BILL
—pic, with grand champ steers, Hereford stocker-feeder show, Fort Worth O56:91

GREENBELT HEREFORD BREEDERS ASSN.
—Gillespie heads D56:95

GREENE CATTLE CO., INC.
—pic, four brands D56:41

GRIBBLE, R. G. (Crowell, Texas)
—obit S56:136

GRIFFIN, MONTE
—pic, member winning is judging team at Am Royal D56:91

GRIFFITH, BARRET
—a rancher looks at inflation N56:15

GRISWOLD, MRS. DENNY
—pic, presenting annl achievement award to Leo J. Veider Ja57:123

GROCE, MRS. KITTIE NASH
—pic, TSCRA conv Ap57:45

GROGAN, JOHN W. (Shamrock, Texas)
—obit S56:140

GRUBB, EVA
—pic, with top fat calf at Southwestern La show, 1956 Ja57:123

GUATEMALA
—Brahmans to Ja57:124

GUERRERO, ELLIS
—pic, root plowing proves best, D. V. Allison, II Ja57:40

GUIBERTEAU, MRS. EMMA FREEMAN (Houston, Texas)
—obit Je56:100

GULF COAST ABERDEEN-ANGUS ASSN.
—elect H. J. Youkum pres Ap57:71

HABERMACHER, M. L. (Belville, Texas)
—obit N56:86

HAEGLIN, A. L. (Hondo, Texas)
—obit Je56:100

HALL, ROY WELLS (Channing, Texas)
—obit Ja57:87

HAISELL, EWING
—pic, with champ carload 40 steers, San Antonio Hereford stocker-feeder sale Je56:94

HAISELL, MRS. FURD
—pic, TSCRA conv Ap57:44

HAISELL, GEORGE T.
—pic, TSCRA conv Ap57:44

HAISELL, MRS. GEORGE T.
—pic, TSCRA conv Ap57:44

HAISELL, GLENN
—pic, TSCRA conv Ap57:44

HAISELL, HARRY H. (Fort Worth, Texas)
—obit Mr57:102

HAMILTON, HARLOE H.
—pic, PAZA good will tour to Mexico Ag56:138

HAMMOND, WALTER
—re-elected to board of dirs, Am Farm Bureau Federation Ja57:110

HANCOCK, JAMES R.
—pic, dir Am Angus Assn Ja57:149

HARDING, HENRY CLAY (Amarillo, Texas)
—obit Jy56:77

HARKEY, ELI
—pic, the founding of the Matador O56:43

HARKEY, JEFF
—pic, the founding of the Matador O56:43

HARMS, JOHN
—Washington Roundup (column) Mr57:28; Ap 57:28; My57:20

HARRELL, MRS. NEWTON
—pic, TSCRA conv Ap57:43

HARRIS, BOMAR
—pic, a new strain of sorghum alnum, Ruby H. Bush, II F57:43

HARRIS, MRS. FRANK
—pic, TSCRA conv Ap57:44

HARRIS, JOHN WILLIAM (Dilley, Texas)
—obit Jy56:77

HARRISON, GERARD A.
—pic, TSCRA conv Ap57:45

HARRISON, JIM
—pic, the founding of the Matador O56:43

HARRISON, TOM
—pic, the founding of the Matador O56:43

HARRISON, TOMMY
—pic, range reseeding can make a more successful ranch operation, D. B. Polk, II Mr57:38

HART, STEPHEN H.
—Congress approves tax relief measure Ag56:20

HAYER, JUNE (MRS. FRED MACMURRAY)
—pic, with husband looking at Chief, champ SG bull, Fort Worth Jy56:32

HAWKINS, R. C. (Galveston, Texas)
—obit Mr57:102

HAWTHORNE, HERB J.
—pic, treas Internat Charollaise CRA Je56:87

HAYDEN, GEORGE
—pic, old-timers meet O56:44

HAZELWOOD, TONY
—pic, foreman W. T. Waggoner Estate Je56:68

HEATH, MRS. GRACE McMAKIN (Denton, Texas)
—obit Ja57:99

HENDERSON, MONROE
—pic, member winning is judging team, Am Royal D56:91

HENKE, WERNER
—Hill Country Hereford Bra elect pres My57:106

HERCHENROEDER, FRANCIS L.
—pic, newly appointed veterinarian in charge of animal disease prevention, control and eradication activities, agricultural research service, Fort Worth Jy56:103

HEREFORD CATTLE
—the Highland Hereford Assn, Roger B. Lets, II Ag56:33
—better quality with Herefords, II Ag56:36
—The Cattleman Hereford Register of Value Ag 56:45

—Hereford assns Ag56:118
—East Texas Hereford progress, II Ag56:136
—Hereford assns sponsor educational event Ag 56:137

HEREFORD CATTLE—PICTURES
—champ pen of steers, Fort Worth stocker-feeder sale Je56:92; champ carload 40 steers, San Antonio stocker-feeder sale Je56:94; champ carload 40 heifers, San Antonio stocker-feeder sale Je56:94; champ pen heifers, Fort Worth stocker-feeder sale Je56:102; champ pen 10 steers, San Antonio stocker-feeder sale Je56:110; champ pen 10 heifers, San Antonio stocker-feeder sale Je56:110; champ pen 30 steers, San Antonio stocker-feeder sale Je56:115; champ pen 30 heifers, San Antonio stocker-feeder sale Je56:115; champ heifers, Fort Worth sale Jy56:117; Kennedy Ranch herd Ag56:33; cows owned by Joe Mitchell Ag56:33; herd seen on the Forker-Gage Ranch Ag56:34; top bull and heifer owned by Hayes Mitchell Ag56:34; prospective show steers on Roy R. Largent and Son Ranch Ag56:34; steers on the W. E. Love Estate Ag56:34; cow herd on the Come Cattle Co. Ranch Ag56:34; cows and calves owned by J. E. White, Jr. Ag56:34; good bull with heifers on Joe Mitchell Ranch Ag 56:35; show steers in the making, Forker-Gage Ranch Ag56:35; young registered bull owned by Terrell Smith Ag56:35; bull and heifers owned by Kenneth Smith Ag56:35; brood cow owned by John F. Lane Ag56:35; registered range bulls, Otis Pouncey Ag56:36; range bull bred by Straus Medina Hereford Ranch Ag56:36; bulls being bred to Brahman cows Ag56:37; straight comm herd owned by Miss Louise Bonnot Ag56:37; good uniform lot of feeder calves Ag56:39; purebred Herefords grazing irrigated tame pasture on James Ranch, Jackson Hole, Wyo. Ag56:40; typical stocker-feeder calves being offered at sales sponsored by the Texas Hereford Assn Ag56:112; cross section herd sires and some of their produce Ag56:186; champ pen 20 steers, Concho Hereford Assn sale O56:184; ALF Monarch 35 O56:89; grand champ heifers, stocker-feeder show O56:103; reserve champ steers, stocker-feeder show, Fort Worth O56:125; reserve champ heifers stocker-feeder show, Fort Worth O56:142; Little Beaver N56:74; TR Husker Rupert 34 N56:74; HD Miss Zato Onward A 31 N56:76; 88 Zato Heir 23 N56:99; Lady Larry R 20 N56:100; grand champ 52ers, Hereford stocker-feeder sale, Fort Worth N56:129; grand champ heifers, stocker-feeder sale, Fort Worth N56:124; Husker Rupert 34th D56:100; HD Miss Zato Onward A 31 D56:111; Mr57:58; DB Apex Larry 3 F57:96; Lady Crown Dandy F57:114; HDR Zato Onward 236 Mr57:58; champ earlot Southwestern Expo Mr57:82; Silver Larry 29 Mr57:90; DB Lady Royal 16 Mr57:91; 88 Zato Heir 64 Ap 57:75; 88 Zato Lady 77 Ap57:75

HEREFORD CATTLE—SHOWS
—Osark Empire f O56:68; Ohio of O56:68; Mo. of O56:68; Ill. of O56:70; Iowa of O56:70; Wisc. of O56:72; Nebr. of O56:72; South Dakota of O56:74; Wyo. of O56:74; Ind. of O56:76; Colo. of O56:76; Kans. Free f O56:79; Kans. of O56:77; East Texas f O56:80; West Texas f O56:82; Central East Texas f O56:89; tri-state f O56:125; Magic Empire N56:73; Pan-Am. Is expo N56:74; Texas-Okla. f N56:80; four states f N56:88; Ark. of N56:94; Okla. of N56:94; Tulsa of N56:94; New Mexico of N56:96; Texas Hereford Assn—Fort Worth Market Institute N56:98; Heart O' Texas f N56:99; Am Royal N56:111; South Texas D56:72; San Antonio stocker-feeder D56:81; Grand Natl D56:110; Internat Ja57:90; Natl Western F57:89; Band Hills F57:94; Aria. Natl Is F57:108; Amarillo Fat Stock F57:110; Southwestern Expo Mr57:58; San Antonio La Expo Mr57:99; Southwestern La. El Paso Mr57:115; Houston Fat Stock Ap57:72; San Angelo Fat Stock Ap57:94; Rio Grande Valley La Ap57:96; Okla. Junior La Ap57:96; LBU La Ap57:99; Rio Grande Valley La Ap57:100

HEREFORD REGISTER OF MERIT
—HC Larry Domino 12 tops Ap57:99

HEREFORD TRANSACTIONS (column)
—Je56:110; Jy56:94; Ag56:102; S56:115; O56:92; Ja57:102; F57:56; Mr57:120

HERMESMEYER, FRANK G. (Donley County, Texas)
—obit Mr57:105

HERMESMEYER, JOHN H. (Donley County, Texas)
—obit Ja57:90

HERRING, JIM
—pic, mgr Rancho de Paz, with champ pen of steers at Fort Worth Hereford stocker-feeder sale Je56:92
—pic, with champ pen of heifers, Fort Worth Hereford stocker-feeder sale Je56:102

HERS, OTTO J. (Hesdale, Kans.)
—obit Ja57:90

HIATT, MRS. LEW L. (Grenola, Kans.)
—obit O56:86

HICKS, MRS. W. E. (Garden City, Kans.)
—obit S56:138

HIGGINS, SANDY
—pic, with Valentine Ap57:86

HIGHLAND HEREFORD ASSN.
—by Roger B. Lets, II Ag56:33
—re-elect Jim White pres My57:61

- HILDRETH, VOLNEY**
—pic, NCHA officers and dirs, 1946 856:81
- HILL, AL**
—burris Mills names two feed specialists Ag56:127
- HILL, SUEL**
—pic, area vice-pres Texas Hereford Assn Mr57:71
- HILL COUNTY HEREFORD BREEDERS ASSN**
—elect Henke pres Mr57:108
- HINAZUMI, ALAN**
—pic, Hawaii's 4-H beef steer show F57:50
- HINAZUMI, HERBERT**
—pic, Hawaii's 4-H beef steer show F57:50
- HINNANT, MRS. M. A.**
—pic, a queen of the cow country, Dudley Dobie Jy56:46
- HINTON, MRS. MARY F. (Lubbeck, Texas)**
—obit Mr57:102
- HISLOP, ROY**
—pic, dir Internat Charollaise CRA Je56:87
- HORLITZELLE, KARL**
—pic, award to V. C. Marshall Je56:104
- HODGES, C. E.**
—pic, TSCRA field insps attend crime school O66:35
—pic, with Cecil Arnim, a member gets posted Mr57:36
- HODGES, MRS. ELIZABETH M. (Edwards County, Texas)**
—obit O66:86
- HODGES, J. E.**
—pic, TSCRA field insps attend crime school O66:35
—pic, with Cecil Arnim, a member gets posted Mr57:36
- HOFFMAN, GARLYN O.**
—value of pricklypear can be misleading, II Je56:68
- HOFFMAN, R. E.**
—pic, Luling Foundation conducting rate of gain tests F57:117
- HOGUE, HILLY**
—Hogus from Holtville, Willard H. Porter, II Ja57:152
- HOLCOMB, OSCAR**
—pic, mayor of Houston, Texas Mr57:32
—pic, welcomed cattlemen to city (Houston) Ap57:34
- HOLLEYMAN, JOHN D.**
—pic, John D. Holleyman, Willard H. Porter D56:122
- HOLLINGSWORTH, RAYMOND**
—the Am Quarter Horse Assn 856:133
- HOLMES, H. B.**
—pic, member Highland Hereford Assn Ag56:33
- HOLT, R. D.**
—side-saddle riding, II 856:47
—the old cowman's vanishing vest, II N56:42
- HOOD, MIKE**
—pic, a new strain of sorghum alnum, Ruby H. Bush, II F57:43,44
- HOOD, PAUL**
—pic, new strain of sorghum alnum, Ruby H. Bush, II F57:43,44
- HOPPER, DICK**
—pic, with Roma Ap57:88
- HORSEMAN, THE**
—announcing 856:22; O66:125; N56:127; D57:121; Ja57:151; F57:120; Mr57:131
- HORSES**
—wild ranch horses, Florence Fenley, II 856:43
—wild steeds of the sem, II 856:44
—on a ten-dollar horse, Wayne Gard, II 856:52
—what we owe the Thoroughbred and oriental horses, John A. Gorman, II 856:105
- HORSES—PICTURES**
—Chico 856:43; Majesty 856:43; Kimberly Kid 856:105; Cardinal Prince 856:105
- HOUSTON, TEXAS**
—welcomes TSCRA Mr57:32
—will be host to cattlemen, March 18, 19, 20 Mr57:33
—pic, aerial view of business section Mr57:33
—pic, Rice Hotel, conv hdqtrs Mr57:33
- HOWARD COUNTY-SOUTH PLAINS HEREFORD ASSN.**
—Hereford bra re-elect Lay Acuff pres F57:108
- HOWELL, PETE**
—pic, TSCRA field insps attend crime school O66:35
- HUDGINS, EDGAR H.**
—cattle do sleep Je56:16
—pic, first vice-pres TSCRA Ap57:33
- HUFFINGTON, J. M.**
—pic, with grand champ steers, Hereford stocker-feeder show, Fort Worth O66:91
- HUFFMAN, L. A.**
—going to the roundup, the CATTLEMAN COVER O66
—lla, for before barbed wire, Mark H. Brown and W. R. Felton O66:39
- HUGHES, CHARLES E.; SOTOLA, JERRY**
—beef breeding research, II, reprinted from Armour's Analysis My57:37
- HUGHES, POLLYANNA B.**
—the Crockett spur, II 856:100
- HULL, JACK**
—pic, TSCRA field insps attend crime school O66:35
- HULL-DOBBS RANCHES**
—George W. Kleier gen mgr, pic Ap57:30
- HUMBLE FARM FAMILY**
—war on buzzards, II Je56:34
—feeding mosquito to cattle, II D56:34
- HUMPHREY, R. D.; MACVICAR, ROBERT; ROSS, O. B.; POPE, L. S.; STEPHENS, DWIGHT**
—trotting steers on native grass in Okla. D56:86
- HUMPHREYS, E. L. (BUD) (Seymour, Texas)**
—obit Mr57:105
- HYDE, GEORGE E.**
—cowboys and Indians of Germany, II 856:48
- IDOL, JACK**
—pic, with grand champ steers Hereford stocker-feeder sale, Fort Worth N56:120
- ILLINOIS, UNIVERSITY OF**
—protein foods help prevent heart disease N56:28
- INDIANS**
—cowboys and Indians of Germany, Geo. E. Hyde, II 856:48
- INSECTS**
—the Italian asp, Jewell Casey, II O56:123
- INTERNATIONAL CHAROLLAISE CATTLE RAISERS ASSN.**
—pic, officers and dirs Je56:87
—new booklet on crossbreeding Charollaise cattle N56:110
—what beef breed asms think of Is shows—Charollaise, W. J. Vaughan Ja57:39
- INTERNAL REVENUE SERVICE**
—new 1956 farmers' tax guide available free Ja57:82
—useful life of farm property for income taxes F57:87
- IOWA STATE COLLEGE**
—recommended for laboratory Ag56:110
—Dr. Jay L. Lush honored Ja57:127
- IRVINE, WILLIAM**
—pic, with grand champ steer, Natl Western F57:88
- IRWIN, WALTER R.**
—pic, old-timers meet O56:44
- JEFFERIES, ALAN**
—pic, TSCRA field insps attend crime school O66:35
- JEFFERIES, D. H. (Abilene, Texas)**
—obit 856:134
- JINKINS (a trail cutter)**
—pic, the founding of the Matador O56:43
- JOHNSON, FRANK TENNEY**
—morning sun, THE CATTLEMAN COVER Mr57
- JOHNSON, LESLIE E.**
—current developments in beef cattle dwarfism research, II Je56:38
- JOHNSON, LEWIS (Jackboro, Texas)**
—obit Mr57:89
- JOHNSON, LUCY BAINES**
—pic, with family My57:29
- JOHNSON, LYNDA BIRD**
—pic, with family My57:29
- JOHNSON, LYNDRON B.**
—cattle industry needs greater public understanding, pic My57:129
- JOHNSON, MRS. LYNDRON B.**
—pic, with family My57:29
- JOHNSON, W. H.**
—pic, with grand champ steer, Pan-Am La Expo N56:74
- JOHNSTON, RALPH**
—pic, chmn com on arrangements and entertainment, 80th annl conv TSCRA Ap57:33
—pic, TSCRA conv Ap57:43
- JOHNSTON, MRS. RALPH**
—pic, TSCRA conv Ap57:43,44
- JONES, CLARENCE D.**
—pic, member winning Is judging team, Am Royal D56:91
- JONES, DR. EDWARD HALLARAN**
—(San Angelo, Texas)
—obit Jy56:74
- JONES, J. H.; MARION, P. T.; FISHER, C. E.**
—producing beef with stilbestrol and antibiotics, II Ag56:44
- JONES, JIM**
—pic, the founding of the Matador O56:43
- JONES, W. T.**
—pic, member Highland Hereford Assn Ag56:33
- JORDAN, FRANK E.**
—pic, with champ pen 20 steers, San Antonio Hereford stocker-feeder sale Je56:115
- JORGENSEN, HART**
—cattle news (column) Je56:109; Jy56:118; Ag56:162; 856:185; O56:184; D56:101; Ja57:157; F57:106; Mr57:128; Ap57:107
- KANSAS CITY CATTLE NEWS**
—by Don Evans Ja57:187; F57:107; Mr57:128; Ap57:107
- KANSAS HEREFORD ASSN.**
—new Kans. Hereford road map and directory out Je56:74
- KANSAS STATE COLLEGE**
—Dr. A. D. Weber honored at Internat, pic Ja57:105
- KAUFFMAN, BOB**
—pic, each champ meat judging team, Southwestern Expo Mr57:126
- KAVANAUGH, BILL**
—pic, TSCRA field insps attend crime school O66:37
- KEEFAUVER, JOE**
—pic, dir Am Angus Assn Ja57:149
- KELLEY, ARCH H. (Shreveport, La.)**
—obit Mr57:103
- KEMP, JAMES E.**
—pic, with Prince 105 HR Jy56:97
- KENNARD, A. J.**
—See: Porter, Willard
- KENNEMER, C. E.**
—SG field day at Kennemers' Jy56:72
- KENT, EDWARD C. (Abilene, Texas)**
—obit Jy56:76
- KERN, C. V. "BUSTER"**
—pic, TSCRA conv Ap57:45
- KEWLEY, E. R.**
—pic, with part of his cow herd in Scotland Je56:29
- KIMBALL, H. M.**
—pic, dir Internat Charollaise CRA Je56:87
- KINCAID, T. A., JR.**
—pres, Texas Sheep-Goat Raisers Ja57:44
—pic, new pres Texas Sheep and Goat Raisers Assn Ja57:141
- KINCHELOE, CARL CLIFTON (Dumas, Texas)**
—obit D56:89
- KING, NELSON R.**
—shipping fever in cattle, addr TSCRA conv, pic Ap57:54
- KING, RICHARD**
—pic, R. King & Co. played important part in SG expansion Jy56:38
- KING, SAMUEL WILDER**
—pic, Hawaii's 4-H beef steer show F57:50
- KING, W. A.**
—pic, with champ Hereford steers, Fort Worth O66:91
- KING RANCH**
—pic, running w brand D56:40
- KIZE, DENT**
—pic, the founding of the Matador O66:43
- KLEIER, GEORGE W.**
—gen mgr of Hull-Dobbs Ranches, pic Ap57:30
- KNOX, J. H.**
—compactness and grade vs size and weight in cattle Ja57:124
- KNOX, JACK**
—an old-fashioned Christmas, THE CATTLEMAN COVER D56
- KOCH, ALLEN**
—pic, with champ pen 10 heifers, San Antonio Hereford stocker-feeder sale Je56:110
- KOERNOT, H. L.**
—pic, membs, Highland Hereford Assn Ag56:33
- KOY, MRS. JESS (San Angelo, Texas)**
—obit D56:89
- KREY, JOHN F.**
—re-elected meat board chm Jy56:127
- KRUSE, WALTER**
—pic, weighing SG calf on portable scale D56:107
- KRUSEN, I. A.**
—elected pres Am Charollaise and Charbray Assns Mr57:112
- KUHFUSS, WILLIAM J.**
—pic, dir Am Angus Assn Ja57:149
- KYLE, E. J.**
—pic, TSCRA conv Ap57:40,42,44
- LACY, MRS. SARAH FLORA (Marble Falls, Texas)**
—obit Ja57:86
- LANSFORD, G. L.**
—pic, TSCRA field insps attend crime school O66:35, 67
- LARGENT, ROY R.**
—Sept. 11 Roy Largent day at West Texas f 856:120
- LASATER RANCH**
—pic, Lasater Beefmaster brand D56:40
- LAURENCE, GREGG (Bay City, Texas)**
—obit Je56:100
- LAW, WILLIAM H. (Fort Worth, Texas)**
—obit Ja57:86
- LAWS, T. C.**
—pic, TSCRA field insps attend crime school O66:35
- LAZEAR, GEORGE**
—new mgr Wyoming Hereford Ranch Mr57:129
- LAZEAR, ROBERT W. (Cheyenne, Wyo.)**
—obit F57:69
- LAY, H. RANCH**
—pic, Apple jelly a la VITL, Ike Blasingame, II F57:38
- LEAVEY, MR. & MRS. T. E.**
—purchase Wyoming Hereford Ranch Mr57:129
- LEBO, MELVIN**
—pic, Texas A&M's winning Is judging team, Southwestern Expo Mr57:83
- LEE, JORDAN G. (Baton Rouge, La.)**
—obit Je56:99
- LEPPER, R. D.**
—pic, old-timers meet O66:44
- LEIGH, J. FRANK**
—pic, named S. G. classifier O56:120
—pic, with Roma Ap57:88
- LEMLEY, JOE**
—pic, with grand champ pen of Angus steers, San Angelo Angus feeder calf sale O56:109
- LETTERS TO THE CATTLEMAN**
—C. F. McPherson, Houston, Texas Je56:16
—J. W. Tolbert, Kodiak, Alaska Je56:48
—M. H. Holmes, Sr., Trenton, Tenn Je56:82
—Dudley C. Howard, Vineyard Haven, Mass Je56:83
—Joe E. Price, Sr., Stephenville, Texas Jy56:60
—James P. Montgomery, Mineral Wells, Texas Jy56:72
—Ira R. Read, Palo Verde, Calif Jy56:77
—Ike E. Blasingame, Avenal, Calif Jy56:83
—Joe Anglovor, Cleveland, Ohio Jy56:89
—Roy M. Mowles, Los Angeles, Calif Jy56:91
—Mr. and Mrs. Robert Snodgrass, Otterbein, Ind Jy56:94
—Mrs. T. J. Ewart, Topeka, Kans Jy56:95
—Bill Davis, El Paso, Texas Jy56:102
—Sam E. McDowell, Wyoila, Mont Jy56:111
—Ike E. Blasingame, Avenal, Calif Ag56:140

- Mrs. Mary Katherine Axtell, Valentine, Texas O56:91
- John Kuntz, Bozeman, Mont O56:96
- Noel Loomis, Descanso, Calif O56:99
- E. W. Jones, Livingston, Texas N56:101
- Frank Edmiston, Benton, Kans F57:75
- John J. McLinden, Cedar Point, Kans F57:86
- Mrs. Boyd Hailtey, Westington, S. D. F57:93
- Joseph D. Landis, Ozark, Ark. F57:124
- Ralph Taylor, El Paso, Texas Mr57:50
- Ralph Taylor, El Paso, Texas Mr57:50
- Bill Workman, Omaha, Neb. Mr57:54
- LETZ, ROGER B.**
 - photo taken on Byars Royal Oaks Angus Ranch, The CATTLEMAN COVER J56:6
 - Santa Gertrudis progress, II Jy56:31
 - the Highland Hereford Assn., II Ag56:33
 - TSCRA field insps attend crime school, II O56:35
 - shipping time, photo on The CATTLEMAN COVER N56:7
 - drouth-proofing range lands, II N56:38
 - rounding up the wild ones, II F57:33
 - Santa Gertrudis cattle in Cuba, II F57:39
 - photos for a member gets posted Mr57:36
 - champions, color transparency, The CATTLEMAN COVER Mr57:7
- LEWIS, CHARLES**
 - pic, receiving plaque from Harrie Winston Mr57:118
- LEWIS, JIM**
 - pic, the founding of the Matador O56:43
- LEWIS, WALTER**
 - pic, vice-pres Am Hereford Assn D56:96
- LIGHT, GEORGE**
 - pic, drouth-proofing range lands, Roger B. Letz, II N56:39
- LIGHT, GEORGE, JR.**
 - pic, drouth-proofing range lands, Roger B. Letz, II N56:39
 - pic, rounding up the wild ones F57:33
- LIGHT, GEORGE, III**
 - pic, rounding up the wild ones F57:33
- LIGHT, W. S.**
 - pic, drouth-proofing range lands, Roger B. Letz, II N56:39
- LILJENQUIST, L. BLAINE**
 - the Washington Roundup (column) J56:38
- LILLEY, ROY W.**
 - pic, joins staff of Am Natl D56:27
- LIVESTOCK AUCTION AND COMMISSION SALES ASSN. OF TEXAS**
 - Chas. Stewart on program Mr57:7
- LIVESTOCK BREEDING**
 - current developments in beef cattle dwarfism research, Leslie E. Johnson J56:38
 - artificial breeding increases N56:58
 - two-year-old heifers often have difficulty calving J57:59
 - crossbreeding with Am Brahman cattle Mr57:36
 - Indu-Brazil cattle playing important role in Am beef cattle industry, II Mr57:33
 - beef breeding research, Jerry Sotola and Charles E. Hughes, II, reprinted from Armour's Analysis Mr57:37
- LIVESTOCK CALENDAR (column)**
 - J56:116; Jy56:124; Ag56:164; S56:184; O56:133; N56:125; D56:120; J57:150; F57:118; Mr57:130; Ap57:110; My57:110
- LIVESTOCK DISEASES**
 - blackleg season brings warning from veterinarians J56:86
 - screwworm warning Jy56:15
 - Bangs' disease can be stopped in range herds J57:117
- LIVESTOCK FEEDING**
 - turning feed into beef, reprinted from Agricultural Research, USDA J56:61
 - range supplements to be tested J56:88
 - feeding practices ready for distribution J56:102
 - stilbesterol-fed beef found OK Ag56:26
 - mesquite for 1s feed Ag56:140
 - a report from the Corn Belt, Frank Reeves, II S56:172
 - successful creep feeding outlined O56:116
 - Texans feeding cattle in Calif O56:142
 - water nutrition in feeding N56:116
 - feeding mesquite to cattle, II reprinted from Humble Farm Family D56:34
 - fattening steers on native grass in Oklahoma, L. S. Pope, Dwight Stephens, R. D. Humphrey, Robert MacVicar and O. B. Ross D56:86
 - range steers fed stilbesterol made greater gains on feed J57:54
 - farmers are feeding more molasses, reprinted from Agricultural Research, USDA J57:125
 - check on protein in feed ration J57:141
 - drouth feeding beef cows and heifers F57:86
 - cottonseed hulls low in TDN cost Ap57:58
 - improve feed efficiency by increasing feed additive Mr57:106
- LIVESTOCK FEEDING STATISTICS**
 - sharp drop in cattle on feed Ag56:6
 - more cattle and calves on feed N56:10
 - more sheep and lambs to be fed D56:18
 - more cattle and calves on feed Mr57:34
- LIVESTOCK HEALTH**
 - blood study may indicate why some horses are fast J56:86
 - vaccination only sure way to prevent sleeping sickness J56:90
 - screwworm warning Jy56:15
 - your veterinarian says . . . questions about calfohd vaccination Jy56:88
- new instrument big help in study of bovine ketosis Jy56:117
- blast warning is issued by veterinarians Jy56:125
- more eyes are seasonal cattle disease problem S56:120
- vaccinate for blackleg before outbreak occurs S56:169
- more is . . . more insect pests O56:112
- sleeping sickness reappears in Southeast O56:114
- soon - a systemic II, reprinted from Agricultural Research, USDA J57:60
- wild animals may play part in spread of disease F57:20
- new type mucosal disease strikes cattle F57:26
- new compound promising in treating lead poisoning F57:48
- drugs alone can't control parasites F57:77
- cancer health F57:81
- survey shows cattle disease is widespread F57:83
- cattle with sore mouths need attention F57:86
- is raisers alerted to watch for listeriosis Mr57:110
- what about blood?, reprinted from Agricultural Research, USDA Mr57:79
- new cattle wormer formula combats worm infection Mr57:90
- LIVESTOCK INDUSTRY**
 - cattle do sleep, Edgar H. Hudgins J56:16
 - factors affecting the 1s industry, John W. Stephens J56:32; Jy56:4; Ag56:24; S56:30; O56:24; N56:22; D56:22; J57:24; F56:18; Mr57:24; Ap57:26
 - research grant to study infectious rhinotracheitis Jy56:96
 - reduced freight rates on hay and 1s N56:8
 - stock cars N56:8
 - a rancher looks at inflation, Barrett Griffith, II N56:15
 - more is in Australia J57:128
 - Luling Foundation conducting rate of gain tests, II F57:117
 - fact finding com to study beef production and marketing Ap57:5
 - shipping fever in cattle, Nelson King, addr TSCRA conv. pic Ap57:54
 - Balmorhea experiment station 15th bull progeny test Ap57:109
 - factors affecting the 1s industry, John W. Stephens Mr57:12
 - cattle industry needs greater public understanding, Lyndon B. Johnson Mr57:29
 - Safeway stores demonstrate facilities Mr57:109
- LIVESTOCK JUDGING**
 - pic, Llano county's 4-H is judging team, state winners Jy56:108
 - Texas Tech wins honors at Am Royal, II D56:91
 - Okla A&M judging team wins at Royal D56:98
 - pic, Texas A&M's winning 1s judging team, Southwestern Expo Mr57:83
 - pic, winning junior A&M and teachers is judging team, Southwestern Expo Mr57:116
 - how do you judge these Brahman cows?, A. M. Pearson, II, reprinted from County Agent & V-Ag Teacher Mr57:74
- LIVESTOCK MARKETING**
 - teamwork marketing S56:164
 - special train service for 1s shippers O56:99
 - 1s marketing discussed at Institute banquet My57:95
- LIVESTOCK MARKETS REVIEW (column)**
 - J56:107; Jy56:115; Ag56:155; S56:177; O56:129; N56:120; D56:115; J57:145; F57:113; Mr57:123; Ap57:103; My57:103
- LIVESTOCK PARASITES**
 - a step closer to cattle-grub systemic Ag56:158
 - parasites on increase N56:58
- LIVESTOCK PESTS**
 - more livestock . . . more insect pests O56:112
- LJUNGDAHL, PHIL**
 - pic, with Scottish Prince, grand champ Angus bull, Southwestern Expo Mr57:61
- LOCKETT, IRA REGINALD (Eden, Texas)**
 - obit J56:106
- LOCKETT, REESE**
 - pic, the salt grass trail, Tom Adams, II S56:46
- LOCKWOOD, P. D.**
 - pic, with Homeplace Eileenmore 707th S56:127
- LOGAN, DR. WM. E. (Fort Worth, Texas)**
 - obit Ag56:125
- LOMAX, JOHN A.**
 - verse, Cowboy Collinson, Mary W. Clarke, II, part II F57:56
- LONE STAR SHORTHORN ASSN.**
 - Texas Shorthorn hrs organize new assn N56:110
 - dhrs meet in Ennis Mr57:92
- LONG, SHERMAN**
 - pic, range reseeding can make a more successful ranch operation, D. B. Polk, II Mr57:39
- LONGHORN CATTLE**
 - the last of the great horns, Jimmy Walker, II, reprinted from Texas Parade J57:5731
 - the first Spanish cattle, J. Frank Dubie, II Mr57:34
- LONGHORN CATTLE-PICTURES**
 - steers on Wichita Mt. Wildlife Refuge Ag56:41
 - the last of the great horns, Jimmy Walker, II, reprinted from Texas Parade J57:31
- LOTSPECH, BEN**
 - pic, with grand champ steers, Hereford stocker-feeder show, Fort Worth O56:91
- LOUISIANA CATTLEMAN'S ASSN**
 - annl conv Ap57:106
- LOVE, RANDY**
 - pic, member Highland Hereford Assn Ag56:33
- LOWRANCE, ED**
 - Lowrances buy Masterson Aberdeen-Angus herd Ag56:157
 - pic, TSCRA conv Ap57:41
- LOWRANCE, GUS**
 - pic, with champ carload 40 heifers, San Antonio Hereford stocker-feeder sale J56:94
 - Lowrances buy Masterson Aberdeen-Angus herd Ag56:157
- LOWRY, DAVE**
 - pic, the founding of the Matador O56:43
- LOWRY, FRED (Lenapah, Okla.)**
 - obit S56:138
- LUKER, T. L.**
 - pic, with Cecil Arnm, a member gets posted Mr57:37
- LULING FOUNDATION**
 - conducting rate of gain tests, II F57:117
- LUNDELL, C. L.**
 - pic, dir of Texas Research Foundation J56:104
- LUNSFORD, PERRY**
 - pres, Texas Beef Cattle Improvement Assn Ag56:125
- LUSH, JAY L.**
 - honored J57:127
- LYLES, GEORGE WESLEY (San Antonio, Texas)**
 - obit Mr57:102
- McANELLY, NORMAN**
 - pic, 2nd vice-pres Texas Angus Assn Mr57:86
- McBRIDE, MRS. JAMES (Kingsville, Texas)**
 - obit Ag56:126
- McBRIDE, JANE ELLEN**
 - pic, with grand champ steer, San Antonio La Expo Mr57:90
- McCANDLESS, GEORGE (Seymour, Texas)**
 - obit J57:88
- MCCARTHY, G. P.**
 - joins Flour Mills of Am staff Jy56:77
- McCLELLAND, JIM**
 - pic, with Husker Rupert 34th D56:100
 - pic, with champ carload of Herefords, Southwestern Expo Mr57:82
- McCLOY, J. B.**
 - pic, war on buzzards, reprinted from Humble Farm Family, II J56:34
- McCORM, J. B.**
 - pic, Safeway stores demonstrate facilities My57:103
- McCRAW, ARNOLD**
 - heads South Texas Angus Bns Ap57:98
- McCRODY, SIDNEY J.**
 - pic, with Valentine Ap57:86
- McCUTCHAN W. H. (Turkey, Texas)**
 - obit Jy56:74
- McUTCHEON, BENNETT**
 - pic, member Highland Hereford Assn Ag56:33
- McDANIEL, HOWARD D.**
 - pic, TSCRA field insps attend crime school O56:35
- McDONALD OBSERVATORY**
 - pic, mountains that touch the sky, Barry Seabee, II D56:32
- McFALL, WILLIAM OLIVER (Quitaque, Texas)**
 - obit J56:109
- McFARLAND, KENNETH**
 - pic, 80th annl conv TSCRA Ap57:36
- McGUFFIN, J. R. (Dinero, Texas)**
 - obit S56:136
- McGUILE, THOMAS (Blancena, Texas)**
 - obit J57:89
- McINNIS, JOHN**
 - pic, receiving plaque from Harrie Winston Mr57:118
- McINTYRE, SHIRLEY ANN**
 - pic, receiving Am Hereford Assn's junior membership No. 1 J56:69
- McLAUGHLIN, DON**
 - pic, mounted on Baystone J56:114
- McLELLAND, J. E. SR.**
 - pic, TSCRA conv Ap57:44
- McLENNAN, NEIL**
 - pic, mural depicting Neil McLennan family, by Jome Arcees N56:43
- McMILLAN, PETE**
 - pic, the founding of the Matador O56:43
- McNABB, JUDGE WM. EDW. (Bay City, Texas)**
 - obit Ag56:128
- McNEILL, MRS. PERRY**
 - pic, TSCRA conv Ap57:44
- McQUEEN RANCH**
 - pic, last wild horse roundup in Texas Panhandle, Herbert and Carolyn Timmons, II S56:149
- McSHERRY, G. X.**
 - heads N. M. Hereford Assn Mr57:62
- MACHIN, G. D.**
 - British caricaturist to visit U. S. 1s shows, II Ag56:165
- MACK, H. F.**
 - retires after 27 years with The Texas J57:122
- MACMURRAY, MR. AND MRS. FRED**
 - pic, with Chief, champ 8G bull at Fort Worth Jy56:32
- MACVICAR, ROBERT; ROSS, O. B.; POPE, L. S.; STEPHENS, DWIGHT; HUMPHREY, R. D.**
 - fattening steers on native grass in Okla. D56:86
- MADDOX, C. D.**
 - elected pres Miss. Cattleman's Assn F57:10
- MALTSBERGER, JACK, JR.**
 - pic, drouth-proofing range lands, Roger B. Letz, II N56:39
- MANNING, BILL**
 - pic, TSCRA conv Ap57:42

MAPS

—grass roundup across the nation Ag56:40
MARION, P. T.; FISHER, C. E.; JONES, J. H.
 —producing beef with stilbestrol and antibiotics, il Ag56:44
MARKS, E. H.
 —pic, the salt grass trail, Tom Adams, il S56:46
 —pic, TSCRA conv Ap57:43
MARSHALL, DOUG
 —pic, con on arrangements and entertainment 80th annl conv TSCRA Ap57:133
MARSHALL, R. P.
 —pic, exam secty SGHI Je56:191
 —pic, at Camaguey Is expo, Cuba Ja57:136
MARSHALL, MRS. R. P.
 —pic, presenting trophy to E. J. Barker, Camaguey Is expo, Cuba Ja57:138
MARSHALL, V. C.
 —pic, winner of Hoblitzelle award Je56:104
MARTIN, ROY
 —pic, with chief herd sire on Martin Ranch My 57:34
MASTERSON, MRS. FLOYCE
 —Masterson ranch records presented to Texas Tech D56:27
MASTERSON, R. B., JR. (Amarillo, Texas)
 —obit My57:30
MASTERSON, R. B. (BOB), III
 —Masterson's Angus carry on, il Je56:30
MASTERSON JY RANCH
 —ranch records presented to Texas Tech D56:27
MARTINDALE, H. S.
 —pic, dir Internatl Charollaise CRA Je56:87
MATADOR RANCH
 —the founding of the Matador, Mary W. Clarke, il O56:42
MATTHEWS, V. T. (Eagle Lake, Texas)
 —obit N56:36
MATTHEWS, WATT
 —pic, with grand champ steers, Fort Worth feeder-stocker sale, Jy56:100
 —pic, with grand champ steers, Hereford stocker-feeder show, Fort Worth O56:31
 —pic, with grand champ steers, Hereford stocker-feeder sale, Fort Worth N56:120
 —pic, with grand champ heifers, Hereford stocker-feeder sale, Fort Worth N56:124
MAYER, SOL (San Angelo, Texas)
 —obit Mr57:103
MEAD'S ANGUS MESA, INC.
 —pic, brand D56:41
MEADOR, JOE
 —pic, with grand champ steer, Southwestern Ls Show, El Paso Mr57:115
MEAT
 —the new look in meat, Dick Biglin, il Je56:76
 —natl ls promotion board favors checkoff for meat promotion Ag56:22
 —production and consumption Ag56:26
 —new market grades for veal and calf grades Ag56:28
 —with or without mustard? O56:66
 —essential minerals in meat O56:95
 —protein foods help prevent heart disease N56:28
 —meat for vitamins N56:38
 —less meat forecast for 1957, il D56:75
MEAT JUDGING CONTESTS
 —pic, Okla A&M College team wins beef judging and beef grading at Am Royal D56:82
 —Univ. of Wisc. wins at Am Royal D56:114
 —Univ. of Wisc. wins at Southwestern Expo Mr57:110
 —pic, champ team from Wisc Mr57:126
MEIFORD, MRS. HALL
 —pic, TSCRA conv Ap57:43
MEDLEY, OSCAR
 —pic, member Highland Hereford Assn Ag56:33
MEDLEY, T. W. (Osceola County, N. M.)
 —obit Ja57:186
MEGASON, JACK E.; ROGERS, CHARLES G.
 —plenty, land—no grass, il D56:133
MELLARD, F. C.
 —pic, member Highland Hereford Assn Ag56:33
MELLEN, OSCAR A.
 —Calif br starts BG herd Je56:90
MERCER, JACK T.
 —pic, TSCRA field insps attend crime school O56:136,37
MERIWEATHER, GAY CLIFFORD (Alpine, Texas)
 —obit Ja57:188
MERRILL, J. W. (Fort Davis, Texas)
 —pic, member Highland Hereford Assn Ag56:33
 —obit Mr57:103
MERRILL, LOUIS P.
 —pic, dir Texas Angus Assn Mr57:186
MERRILL, R. K.
 —pic, member Highland Hereford Assn Ag56:33
MERSFELDER, PAUL D. (El Paso, Texas)
 —obit Je56:99
MESQUITE
 —for ls feed Ag56:140
 —feeding mesquite to cattle, il, reprinted from Humble Farm Family D56:134
MEXICAN LABOR
 —minimum housing regulations Mr57:5
MEXICO
 —Mexican contract labor Ag56:5
 —Mexican cattle purchases N56:7
 —Mexican beef buying N56:8
 —Mexican rancher buys cattle from Texas Angus hrs D56:38
 —Mexican ranchers pay \$48,500 for Charollaise—Charbray cattle F57:104

MICHAELIS, M. G.

—pic, dir Internatl Charollaise CRA Je56:87
MID-NORTH TEXAS HEREFORD ASSN
 —field day, May 18 My57:108
MIDDLETON, R. M.
 —pic, TSCRA conv Ap57:45
MIERS, W. L.
 —pic, drouth-proofing range lands, Roger B. Letz, il N56:38
MILLER, J. C.
 —named dean at A&M school of agriculture, pic O56:124
 —heads Am Society of Animal Production Ja 87:140
MILLER, KENNETH
 —pic, dir Internatl Charollaise CRA Je56:87
MILLER, MILT
 —pic, with champ pen Angus steers, Fort Worth stocker-feeder show and sale Ag56:131
 —Texas A&M beef short course S56:116
MILLINGTON, W. S.
 —pic, war on buzzards, il, reprinted from Humble Farm Family Je56:36
MILLS, JIMMY
 —pic, TSCRA conv Ap57:45
MIMS, MRS. EMMETT
 —pic, old-timers meet O56:44
MIMS, JACK
 —pic, TSCRA field insps attend crime school O56:35,36
MIMS, JIM
 —pic, the founding of the Matador O56:43
MISSISSIPPI CATTLEMEN'S ASSN.
 —reaffirm belief in free enterprise F57:10
MISTLETOE
 —pic, Texas plants in Christmas legends, Jewell Casey, il D56:56
MITCHELL, ALBERT E.
 —pic, pres of Hereford Assn D56:96
 —pic, elected pres AQHA Ap57:112
MITCHELL, C. F.
 —pic, member Highland Hereford Assn Ag56:33
MITCHELL, CLAY
 —pic, member Highland Hereford Assn Ag56:33
MITCHELL, DON
 —pic, member Texas A&M's winning ls judging team, Southwestern Expo Mr57:83
MITCHELL, DOUGLAS
 —NCHA review, il S56:81
MITCHELL, JOE
 —pic, with grand champ steers, Fort Worth feeder-stocker sale Jy56:100
MITCHELL, LOYD
 —pic, member Highland Hereford Assn Ag56:33
MITCHELL, McKIE
 —pic, member Highland Hereford Assn Ag56:33
MITCHELL, T. C.
 —pic, member Highland Hereford Assn Ag56:33
MITCHELL, W. B.
 —pic, member Highland Hereford Assn Ag56:33
MITRE PEAK
 —pic, mountains that touch the sky, Barry Scobee, il D56:31
MONTAGUE, JOE G.
 —pic, with Cecil Arnim, a member gets posted Mr57:37
 —pic, TSCRA conv Ap57:42
MONTALVO, NARCISO
 —pic, with P&ZA good will tour group Ag56:138
MOODY, AUSTIN
 —pic, with Prince 105 HR Jy56:97
MOORE, DAVID H. (San Angelo, Texas)
 —obit Ag56:128
MOORE, H. H.
 —pic, TSCRA conv Ap57:42
MOORE, HARRY
 —honored by East Texas Chamber of Commerce O56:124
MOORE, HENRY
 —pic, member Highland Hereford Assn Ag56:33
MOORE, KATHLEEN
 —Missouri girl wins natl Angus scholarship S56:120
MOORE, L. V.
 —pic, a new strain of sorghum alnum, Ruby H. Bush, il F57:43
MOORE, WARREN
 —pic, TSCRA field insps attend crime school O56:25
MORRIS, JOHN
 —pic, old-timers meet O56:44
MORRISON, A. V.
 —pic, Safeway stores demonstrate facilities My 87:103
MORRISON, J. W. (Albuquerque, N. M.)
 —obit Je56:100
MORRISSE, G. A.
 —pic, vice-pres Internatl Charollaise CRA Je56:87
MOSER, NORMAN
 —pic, 2nd vice-pres TSCRA Ap57:33
MOSLEY, BENTON (Portales, N. M.)
 —obit My57:82
MOSSMAN, BURTON C. (Roswell, N. M.)
 —obit O56:86
MULES
 —mule gives birth to colt, pic S56:142
MULES—PICTURES
 —Tobe S56:43; mule on 6666 Ranch and her colt S56:142
MUNSON, BASCOM
 —pic, war on buzzards, il, reprinted from Humble Farm Family Je56:36
MURPHY, PAT
 —pic, with grand champ steers, Fort Worth stocker-feeder sale Jy56:100

MURRAY, ARCH

—pic, member Highland Hereford Assn Ag56:33
NATIONAL BEEF COUNCIL
 —promotion sale of meat S56:5
 —natl beef promotion legislation F57:8
NATIONAL COTTONSEED PRODUCTS ASSOCIATION
 —feeding practices ready for distribution Je56:102
NATIONAL CUTTING HORSE ASSOCIATION
 —sale Jan. 26 Ag56:157
 —natl cutting horse progress, Marion Flynt S56:38
 —NCHA celebrating 10th anniv, il S56:81
 —NCHA review, Douglas Mitchell S56:81
 —natl cutting horse champs S56:146
 —NCHA affiliates S56:160
 —Marion's Girl 1956 NCHA champ cutting horse, il D56:124
 —annl meeting in Tucson, April 6-7 F57:124
 —Texas A&M to feature NCHA contest Ap57:104
 —to hold membership meeting in Odessa in 1958 My57:90
 —holds annl meeting in Tucson My57:111
NATIONAL 4-H CLUB FOUNDATION
 —Ford Foundation gives \$490,000 to develop 4-H center Ag56:149
NATIONAL LIVESTOCK AND MEAT BOARD
 —John F. Frey re-elected chm Jy56:127
 —meat production and consumption Ag56:26
 —exhibits a feature at major fairs O56:29
 —with or without mustard? O56:66
 —these Oklahomans know their beef, il D56:82
NATIONAL LIVESTOCK PROMOTION BOARD
 —favors checkoff for meat promotion Ag56:22
 —natl beef promotion legislation F57:8
NATIONAL LIVESTOCK TAX COMMITTEE
 —Congress approves tax relief measure, Stephen H. Hart Ag56:20
NATIONAL WESTERN POLLED HEREFORD ASSN.
 —Am Hereford Assn approved request for 3-generation Polled Hereford pedigree Mr57:102
NATIONAL WOOL GROWERS ASSN.
 —USDA may change lamb-mutton grades D56:16
NEBLETT, CHARLES, JR.
 —pic, Highland Hereford Brs sale, Marfa Ap 57:192
NEGLEY, ALFRED, JR.
 —pic, with champ carload 40 steers, San Antonio Hereford stocker-feeder sale Je56:94
NEHR, BEN
 —pic, Basket Ranch got ready for the drouth, Edgar F. Baumann, il N56:52
NEW MEXICO A&M COLLEGE
 —cottonseed hulls low in TIN cost Ap57:58
NEW MEXICO CATTLE GROWERS ASSN
 —annl meeting My57:63
NEW MEXICO HEREFORD ASSN
 —McSherry heads My57:62
NEWCOMER, FLOYD
 —elected pres Am Brangus Brs Assn Mr57:111
NORED, T. A.
 —pic, with Shorthorn cattle at Fort Worth Stock-Edgar D56:101
NORRIS, MRS. L. A.
 —pic, TSCRA conv Ap57:44
NORTH, JAMES M. (Fort Worth, Texas)
 —obit N56:86
NORTHCUTT, MRS. D. T.
 —pic, TSCRA conv Ap57:41
NORTHEASTERN OKLAHOMA A&M COLLEGE
 —pic, winning junior A&M and teachers ls judging team Mr57:116
O'CONNOR, T. J. (Victoria, Texas)
 —obit F57:68
OKLAHOMA ABERDEEN-ANGUS BREEDERS ASSN.
 —B. H. Graham pres Ap57:98
OKLAHOMA A&M COLLEGE
 —housing for stock too fancy in many cases O56:90
 —successful creep feeding outlined O56:116
 —team wins in beef judging and beef grading, Am Royal D56:82
 —judging team wins at Royal D56:98
 —two-year-old heifers often have difficulty calving Ja 57:50
 —drouth feeding beef cows and heifers F57:86
OKLAHOMA HEREFORD BREEDERS ASSN.
 —Fred Ferrell, Jr. heads Ap57:93
OKLAHOMA SHORTHORN BREEDERS ASSN.
 —hold annl meeting Ap57:104
OLIVER, DEAN
 —pic, the world's champ, Willard Porter, il Ag 56:162
OREV, YAAGOV
 —pic, root plowing proves best, D. V. Allison, il Ja57:41
OSBOURN, CARROLL
 —pic, Llano county's 4-H ls judging team Jy56:108
OSBOURN, DONALD
 —pic, Llano county's 4-H ls judging team Jy56:108
PALMER, DICK
 —pic, the founding of the Matador O56:43
PALOMINO HORSE CHAMPIONS
 —pix S56:126, 161, 171, 175
 —listed S56:126
PALOMINO HORSES
 —QH and Palomino judging school Jy56:86
PALOMINO HORSES—PICTURES
 —Belvedere's Golden Glory S56:161; Blanco Parks S56:175; Booger Bear S56:175; Chief Apache S56:175; Duke of Belvedere S56:175; Georgia Buck S56:175; Y Fern Hornet S56:161; Hall-

mark 056:141; Jonie Mark 056:141; Lady Wanda 856:161; Little Sue 856:161; LM She'll Do 056:126; Mack's Wonder Boy 856:161; Maid O' Gold 856:126; Minnesota Golden Dude 856:176; Mizzi 856:176; Monterey Judy 856:161; Personality 856:126; Royal Crest 856:161; Sabre Jet Boy 856:161; Shoe Stamp 856:161; Skipity Skoot 856:126; Stormy Gold 856:126; Strummer 856:176; Tabber's Gold Maiden 856:176

PALOMINO HORSES—SHOWS

—Texas Palomino Exhibitors Assn, Fort Worth 056:141; of of Texas N56:129; Southwestern Expo Mr57:131

PAN ANGUSIAN ZERU ASSN

—to show Zebu cattle at Internat Jy56:118
—good will tour to Mexico, II Ag56:138
—stocker-feeder sale, San Antonio 856:170
—first Brahman cross stocker-feeder show and sale N56:100
—Esteban Garcia heads Ap57:100
—Indu-Brazil cattle playing important role in Am beef cattle industry, II My57:123

PANHANDLE HEREFORD BREEDERS ASSN

—Hereford Assns sponsor educational event Ag56:137
—elect Bennett pres F57:66

PANOLA-TATE COUNTY LIVESTOCK ASSN

—sale rescheduled for March 12, 1957 056:190

PARK, MRS. SIDNEY H. (Sherman County, Texas)

—obit Ag56:126

PARKER, B. L.

—pic, TSCRA field insps attend crime school 056:35

PARKER, G. C.

—buys Wyoming Hereford Ranch Mr57:129

PARKER, HARRY

—pic, with champ carlot of Herefords, Southwestern Expo Mr57:82

PARKER, HOWARD

—pic, TSCRA conv Ap57:42

PARKER, WILLIAM D.

—pic, pres Internat Charollaise CRA Jy56:187

PARKS, MRS. ROY

—pic, TSCRA conv Ap57:43

PARRISH, HUGH

—pic, with grand champ heifers, Hereford stocker-feeder sale, Fort Worth N56:134

PASTURES

—fewer cattle shipped to pasture grazing areas Jy56:83
—pasture leasing fairly active My57:8

PATE, E. B., JR.

—pic, registration com, 80th annl conv TSCRA Ap57:34

PATTERSON, HARVEY

—pic, for the last of the great horns, Jimmy Walker, II, reprinted from Texas Parade Jy57:31

PEARCE, CHARLES S.

—pic, watching SG calf being weighed on portable scale D56:107

PEARSON, A. M.

—how do you judge these Brahman cows?, II, reprinted from County Agent & Vo-Ag Teacher My57:74

PEEBLES, TOM (Lexington, Texas)

—obit N56:86

PEELER, TRAVIS

—pic, TSCRA field insps attend crime school 056:35

PEOPLES, CLINT

—pic, TSCRA field insps attend crime school 056:35

PERRY, STEPHEN S., JR.

—pic, TSCRA conv Ap57:44

PERRY, MRS. STEPHEN S., JR.

—pic, TSCRA conv Ap57:44

PERRY, STEPHEN S., SR.

—pic, TSCRA conv Ap57:44

PETERS, MRS. CATHERINE

—cartoons for Walt the Weatherman Jy56:83; Jy56:84; Ag56:134; 856:123; 056:103; N56:169; D56:108; Ja57:116; F57:84; Ap57:117

PETERSON, O. R.

—pic, Highland Hereford Bns Sale, Marfa Ap57:92

PETERSON, R. H.

—pic, with Shorthorn cattle at Fort Worth stockyards D56:101

PETERSON, W. E.

—pic, with Shorthorn cattle at Fort Worth stockyard D56:101

PEXTON, L. M.

—pic, with grand champ steer, Natl Western F57:88

PHILLIPS, J. G., JR.

—pic, TSCRA field insps attend crime school 056:35

PHIPPS, GEORGE

—the cutting horse, The CATTLEMAN COVER 856

PIER, W. L.

—pic, gen mgr Fort Worth Stockyards Jy56:68

—pic, with champ pen Angus steers, Fort Worth stocker-feeder show and sale Ag56:131

—pic, calf roping genius, Willard H. Porter 056:136

—pic, dir Am Angus Assn Ja57:149

—pic, SG cattle in Cuba, Roger B. Letz, II F57:40

—pic, SG cattle in Cuba, Roger B. Letz, II F57:40

PLONLEE, ALVIN (Fresno, Calif)

—obit N56:86

POAGE, W. F.

—cowman's interest in soil bank legislation, addr, TSCRA conv, pic Ap57:46

POISONOUS PLANTS

—white-margined spurge, foxglove Jy56:87
—alfombrilla causing heavy losses to be in Chihuahua, Mexico, O. E. Sperry and A. H. Walker My 57:36

POLK, D. B.

—range remedial can make a more successful operation, II Mr57:38

POLLED HEREFORD CATTLE

—premium award if champ steer is Polled Hereford 056:92
—Polled Hereford registrations set new record 056:93

—Assn hikes fees on older cattle Ja57:95

—Assn revises show classification Ja57:104

—British hrs buying Polled Herefords in U.S. Ja57:107

POLLED HEREFORD CATTLE—PICTURES

—Gold Co-Pilot Ag56:100; ALF Monarch 37 Ja57:92; Bay Lady Tontine 14 Ja57:95; Wind-sweep Victor Mr57:60; Ap57:76; Gatesford GM Miss Mr57:60; SD Princess Bonny Mr57:92; O Romano 60 Mr57:125; CMR Blanche Larry I Ap57:76

POLED HEREFORD CATTLE—SHOWS

—Mo. of 056:68; Ill. of 056:70; Ind. of 056:74; East Texas of 056:80; Central Texas of 056:89; Natl PH Ky. of N56:89; Okla. of N56:94; Tulsa of N56:94; Am Royal N56:111; Southwestern Expo Mr57:58; San Antonio La Expo Mr57:92; Houston Fat Stock Ap57:75; Marshall Ap57:96

POLLED SHORTHORN CATTLE—SHOWS

—Ohio of 056:68; Mo. of 056:70; Ill. of 056:71; Iowa of 056:72; Nebr. of 056:74; Ind. of 056:76; Internat Jy57:80

POLLOCK, DON C.

—pic, dir Am Angus Assn Ja57:149

PONIES

—wild steeds of the sea, II 856:44

PONY OF AMERICAS CLUB, INC.

—issues 1957 yearbook Ap57:116

POPE, E. G.

—pic, with champ pen 10 steers, San Antonio Hereford stocker-feeder sale Jy56:110

POPE, L. S.; STEPHENS, DWIGHT; HUMPHREY, R. D.; MACVICAR, ROBERT; ROSS, O. H.

—fattening steers on native grass in Okla. D56:86

PORTER, HERMAN

—pic, TSCRA field insps attend crime school 056:35

PORTER, WALTER

—Walt the weatherman column, tips on tornadoes, II Jy56:83

—tips on thunderstorms, II Jy56:84

—tips on hail and lightning, II Ag56:134

—tips on hurricanes, II 856:123

—bright blue weather, II 056:103

—the formation of cold fronts, II N56:109

—tips on cold fronts, II D56:108

—tips on the weather, II Ja57:116

—tips on radar, II F57:84

—tips on low pressure areas, II Ap57:117

—tips on the weather My57:94

PORTER, WILLARD H.

—Ray hurries (Ray Wharton), II Jy56:87

—the world's champ (Dean Oliver), II Ag56:152

—rodeo's bouncing broom tails, II 856:50

—calf roping genius (B. J. Pierce), II 056:136

—John D. Holleyman, II D56:122

—Hogue from Holtville, II Ja57:152

POTTS, MURRAY

—pic, TSCRA field insps attend crime school 056:35, 37

POWERS, PERCY G.

—pic, dir Texas Angus Assn Mr57:86

PRATT, R. E.

—pic, with champ pen Angus steers, Fort Worth stocker-feeder show and sale Ag56:131

PRECE, HAROLD

—magazine article features story on fence-cutting rings Ag56:137

PRESNALL, HENRY

—pic, Texas A&M's winning is judging team, Southwestern Expo Mr57:88

PREWITT, J. B.

—pic, drouth-proofing range lands, Roger B. Letz, II N56:38

PRICE, MRS. W. D. (Pampa, Texas)

—obit N56:86

PRICE SUPPORTS

—Texas Farm Bureau avoids price support controversies D56:28

—Miss. cattlemen reaffirm belief in free enterprise F57:10

PRICKLYPEAR

—value of prickly pear can be misleading, Garryn O. Hoffman, II Jy56:63

—why south Texas ranchers feed prickly pear, G. W. Brown, II My57:76

PRITCHETT, CARR

—pic, Safeway stores demonstrate facilities My 57:103

PROBANDT, CHARLES

—pic, member winning team is judging Am Royal D56:91

PRUETT, C. E.

—pic, member Highland Hereford Assn Ag56:33

PUCKETT, ALICE (Mrs. Howard)

—Old-timers meet, II 056:44

PUMPHREY, J. B. (Old Glory, Texas)

—obit D56:89

PURDY, EARL

—pic, with Gold Co-Pilot Ag56:100

QUARTER HORSE CHAMPIONS

—pic, 856:70, 86, 92, 98, 113, 122, 189, 171

—listed 856:90

QUARTER HORSES

—QH and Palomino judging school Jy56:86

—training Marion's Girl, as told by Buster Welch to Frank Reeves, II 856:37

—Poco Bueno, II 856:157

QUARTER HORSES—PICTURES

—Ada K. Browder Jy56:104; Barbara Star Jy56:90, 96; 856:159; Raystone Jy56:114; Ben Cody 856:92; Beat Bet 856:79; Black Gold King 856:86; Breezy Ja57:152; Brian's Chulo N56:129; Brian's Hombretto 856:171; Buzzie Bell H 856:92; Caesar's Pistol F57:120; Calamity Jane Jy56:56, 101; Cap Cole 856:122; Char-Lin Rocky 856:170; Charles Fisher 856:110; Chickasha Mike Jy56:77; Cody's Echo 856:99; Copper Jess 856:92; Cowboy Ap57:118; Cow Lady 856:99; N56:132; Dee Gee 856:171; N56:130; Ap57:114; Dottie Bert 856:122; Dusty Way Jy56:109; El Charro 856:86; Eve Pearce 856:159; Flaahy Penny 856:79; Flo Silvertone 856:110; French Fry 856:159; Gary Moore 856:139; George Paul 856:86; Grace's Stinky N56:133; Great Chance 056:139; Handful 856:171; Handy Red 856:86; Hickory Ann Hill Jy56:123; 856:171; High Five 856:159; Hollywood Joe 856:170; Honey Boy Cody 856:99; J. B. King 856:139; Jess Hancock 856:86; Joe's Watch 856:79; Ap57:114; Johnny Zero 856:110; June Long 856:56; Katy Scarlett 856:99; Kilmer's Tip 856:122; King Flit 856:122; King's Pistol N56:130; Knockie Jy56:98; N56:133; Lady James 856:99; Lady Power 856:110; Lee Cody 856:171; L.H. Quarter Moon Jy56:54; 856:170; L.M. She'll Do D56:126; Logan's Patey 856:99; Marion's Girl Jy56:81; 856:37; N56:128; N56:124; F57:120; Miss Baker Holmgood 856:92; Miss Chora Ap57:114; Miss Paulite Jy56:118; 856:171; N56:130; Mr. Reed Jy56:106; Moore's Ace 856:82; Old Bill 856:84; Panhandle Gal 056:139; Paulalika 856:110, 171; Peppy 856:105; Peptimo 856:99; Pistol Bert 856:92; Poco Bob 856:110; Poco Bueno 856:157; Poco Dell Jy56:122; 856:79; Poco Lola 856:86; Poco Midge 856:79; Poco Stampede Jy56:118; 856:122; Poco Turp 856:171; N56:132; Poky Light 856:122; Poky Rambler 856:86; Ponzell 856:79; Pretty Pan 856:159; Punkin' 056:122; Queen Ace F57:122; Rally 856:122; Reno Rey 856:79; Ribbon Sash 856:92; Romeo Red 856:122; Royal O'Brien 856:159; Rusty Jy56:37; Salty Buttons D56:123; Sangaree 856:86; Sargent Tippy 856:122; Scotty Henderson 856:86; Senior George 856:79; Sister Zan 856:99; Skipity Skit F57:122; Skipper Buck 856:86; Snyder's Waltonia 856:122; Some More 856:79; Spark Plug Coy F57:124; Star Duster 856:122; Steel Bars N56:130; F57:120; Mr57:181; Ap57:112; Stricker 856:99; Struts, Cat 856:159; Suite Me H 856:171; Town Crier Jy56:96, 117; 856:99; Trinket Bennett N56:129; Vi Irving 856:169; Viv 856:159

QUARTER HORSES—SHOWS

—Santa Rosa Roundup Jy56:96; San Angelo Jy56:101; Sonotia Jy56:56; Gray Dog Jy56:79; Abilene Range Riders Jy56:99; Plainview Jy56:118; Stamford Ag56:157; Horseshoe Club, Fort Worth 856:119; Parker County Centennial 856:169; 4 states 856:170; Colo. of 056:140; Wyo. of 056:141; Jackaboro 056:141; of of Texas N56:128; Kille county N56:129; Heart O' Texas of N56:130; Am Royal D56:126; Golden, Utah Ja57:156; San Hills F57:120; Monahan's F57:122; Natl Western F57:125; Southwestern Expo Mr57:131; San Antonio La Expo Mr57:132; Houston Fat Stock Ap57:112; Rio Grande Valley La Ap57:116; Tucson My57:111

QUARTER HORSES—PICTURES

—Ada K. Browder Jy56:104; Barbara Star Jy56:90, 96; 856:159; Raystone Jy56:114; Ben Cody 856:92; Beat Bet 856:79; Black Gold King 856:86; Breezy Ja57:152; Brian's Chulo N56:129; Brian's Hombretto 856:171; Buzzie Bell H 856:92; Caesar's Pistol F57:120; Calamity Jane Jy56:56, 101; Cap Cole 856:122; Char-Lin Rocky 856:170; Charles Fisher 856:110; Chickasha Mike Jy56:77; Cody's Echo 856:99; Copper Jess 856:92; Cowboy Ap57:118; Cow Lady 856:99; N56:132; Dee Gee 856:171; N56:130; Ap57:114; Dottie Bert 856:122; Dusty Way Jy56:109; El Charro 856:86; Eve Pearce 856:159; Flaahy Penny 856:79; Flo Silvertone 856:110; French Fry 856:159; Gary Moore 856:139; George Paul 856:86; Grace's Stinky N56:133; Great Chance 056:139; Handful 856:171; Handy Red 856:86; Hickory Ann Hill Jy56:123; 856:171; High Five 856:159; Hollywood Joe 856:170; Honey Boy Cody 856:99; J. B. King 856:139; Jess Hancock 856:86; Joe's Watch 856:79; Ap57:114; Johnny Zero 856:110; June Long 856:56; Katy Scarlett 856:99; Kilmer's Tip 856:122; King Flit 856:122; King's Pistol N56:130; Knockie Jy56:98; N56:133; Lady James 856:99; Lady Power 856:110; Lee Cody 856:171; L.H. Quarter Moon Jy56:54; 856:170; L.M. She'll Do D56:126; Logan's Patey 856:99; Marion's Girl Jy56:81; 856:37; N56:128; N56:124; F57:120; Miss Baker Holmgood 856:92; Miss Chora Ap57:114; Miss Paulite Jy56:118; 856:171; N56:130; Mr. Reed Jy56:106; Moore's Ace 856:82; Old Bill 856:84; Panhandle Gal 056:139; Paulalika 856:110, 171; Peppy 856:105; Peptimo 856:99; Pistol Bert 856:92; Poco Bob 856:110; Poco Bueno 856:157; Poco Dell Jy56:122; 856:79; Poco Lola 856:86; Poco Midge 856:79; Poco Stampede Jy56:118; 856:122; Poco Turp 856:171; N56:132; Poky Light 856:122; Poky Rambler 856:86; Ponzell 856:79; Pretty Pan 856:159; Punkin' 056:122; Queen Ace F57:122; Rally 856:122; Reno Rey 856:79; Ribbon Sash 856:92; Romeo Red 856:122; Royal O'Brien 856:159; Rusty Jy56:37; Salty Buttons D56:123; Sangaree 856:86; Sargent Tippy 856:122; Scotty Henderson 856:86; Senior George 856:79; Sister Zan 856:99; Skipity Skit F57:122; Skipper Buck 856:86; Snyder's Waltonia 856:122; Some More 856:79; Spark Plug Coy F57:124; Star Duster 856:122; Steel Bars N56:130; F57:120; Mr57:181; Ap57:112; Stricker 856:99; Struts, Cat 856:159; Suite Me H 856:171; Town Crier Jy56:96, 117; 856:99; Trinket Bennett N56:129; Vi Irving 856:169; Viv 856:159

QUARTER HORSES—SHOWS

RECIPES

—olive beef roll *Ja56:50*; oriental barbecue *Ja56:50*; heavenly hash *Ja56:50*; tropical ice cream pie *Ja56:50*; fruited slaw salad mold *Ja56:50*; Swiss steak *Ja56:51*; marinated T-Bone steaks *Ja56:55*; steak sauce *Ja56:55*; upside down beef pie *Ja56:55*; rouska (scaloped meat dish) *Ja56:55*; escaloped beef and potatoes *Ja56:56*; torley (vegetable fantasia) *Ja56:56*; pickled eggs *Ag56:106*; egg salad royale *Ag56:106*; oriental beef and rice *Ag56:106*; corned beef brisquet *Ag56:106*; sauce for corned beef *Ag56:108*; poinsettia salad *Ag56:108*; old-fashioned mince-meat *Ag56:88*; chili *Ag56:88*; wine sauce for steak *Ag56:88*; cherry desert *Ag56:89*; salad hint *Ag56:89*; Mexican cheese dip *O56:50*; chilled cheese dip *O56:50*; liver appetizer *O56:50*; mince-meat *O56:50*; ham stuffed green pepper *O56:52*; soured seal liver *N56:48*; bear feet *N56:48*; frizzled rice and beef soup *N56:48*; crawfish terrido cocktail *N56:48*; Swiss steak *N56:48*; pumpkin pie *N56:50*; crock steak *D56:48*; chicken spaghetti *D56:48*; Bul-Ko-Kee *D56:48*; stuffed cabbage *D56:50*; dressing for baked fowl *Ja57:44*; deviled French loaves *Ja57:46*; peach refrigerator cake *Ja57:46*; Danish meat balls *Ja57:48*; smothered veal cutlets *Ja57:48*; soughdough biscuits *Ja57:48*; antipasto *F57:54*; meat balls *F57:54*; beef or veal round with gravy *F57:54*; chocolate cherry Kuchen *F57:54*; strawberry cobler *F57:56*; corn pone a la gourmet *Mr57:52*; steamed cornbread *Mr57:52*; rice porcupines *Mr57:52*; beef or calf liver *Mr57:52*; hamburgers (cheeseburgers de luxe) *Mr57:54*; sherry chiffon pie *Mr57:54*; beef tartare *Ap57:91*; venison roast *Ap57:91*; T-Bone steak with Blue Cheese *Ap57:91*; hot-cake *My57:57*; Mexican meat dish *My57:57*; unusual meat dish *My57:58*; chili *My57:58*; asparagus pie *My57:58*

RED ANGUS CATTLE

—Beckton Stock Farm adds bull to Red Angus herd *Ja57:114*

RED ANGUS CATTLE—PICTURES

—crossbred feeder steer calves, 1957 Natl Western, bred by Beckton Stock Farm *Mr56:124*

RED RIVER VALLEY ABERDEEN-ANGUS ASSN

—elects new officers *Ja56:99*

REDHART, JESSE

—pie, fullblooded Nez Perce Indian *O56:140*

REEVES, FRANK

—beef making is their business, *Il Ja56:78*

—Hereford steers on feed, color transparency, The CATTLEMAN COVER *Ag56*

—training Marion's Girl, as told by Buster Welch, *Il S56:37*

—a report from the Corn Belt, *Il S56:172*

REGMUND, JIM

—pie, Texas A&M's winning is judging team, Southwestern Expo *Mr57:83*

REUTHINGER, MRS. J. E.

—pie, TSCRA conv Ap57:44

REYES, HUMBERTO V. (BERT)

—joins Texas Hereford staff *Ja56:75*

—pie, Highland Hereford Bra sale, Marfa *Ap57:92*

REYNOLDS, MRS. W. D. (Fort Worth, Texas)

—obt *F57:68*

RHODE, D. W.

—pie, TSCRA conv Ap57:45

RICE, WALTER

—pie, with champ pen of steers, Fort Worth Hereford stocker-feeder sale *Ja56:92*

—pie, with grand champ steers, Hereford stocker-feeder sale, Fort Worth *N56:120*

—pie, with Shorthorn cattle at Fort Worth stockyard *D56:101*

RICHARDS, FRANK

—what beef breed assns thinks of is shows—Angus *Ja57:38*

—pie, recy Am Angus Assn *Ja57:149*

RICHARDSON, ARD

—pie, with champ pen 20 heifers, San Antonio Hereford stocker-feeder sale *Ja56:115*

RICHARDSON, CURTIS BRUCE (Throckmorton, Texas)

—obt *Ja57:88*

RICHARDSON, SID

—pie, grading-up with Santa Gertrudis *Ja56:36*

RICHARDSON, T. C. (Palestine, Texas)

—obt *D56:90*

RILEY, LANHAM

—pie, mounted on Mr. Reed *Ja56:105*

RINEHART, MIKE

—chukars—a new game bird, *Il O56:66*

RIO GRANDE VALLEY SANTA GERTRUDIS ASSN

—SGRH adds two assns *Ja57:156*

ROBERTS, DAN

—pres, Red River Valley Aberdeen-Angus Assn *Ja56:99*

—pie, dir Texas Angus Assn *Mr57:86*

ROBERTS, MONTANA BILL (Miles City, Mont.)

—obt *Ja57:86*

ROBERTSON, THEO

—pie, with Valentine *Ap57:86*

ROBY, JIM

—pie, the founding of the Matador *O56:43*

ROCKEFELLER, WINTHROP

—pie, with Valentine *Ap57:86*

RODEOS

—rodeo's bouncing broom tails, A. J. Kennard (Willard Porter, *Il S56:50*)

—Texas A&M to feature NCHA contest *Ap57:104*

ROEDER, R. J. JR.

—pie, with champ pen 20 heifers, San Antonio Hereford stocker-feeder sale *Ja56:115*

—pie, pres Texas Hereford Assn *Mr57:71*

—pie, new pres Texas Hereford Assn *Mr57:118*

ROGERS, CHARLES G.

—pie, plenty land—no grass, Jack E. Megason and Charles G. Rogers, *Il D56:33*

ROGERS, CHARLES G.; MEGASON, JACK E.

—plenty land—no grass, *Il D56:33*

ROGERS, J. L.

—pie, TSCRA field insps attend crime school *O56:35*

ROMERO, ARCHER

—pie, pres Houston, Texas Fat Stock show *Mr57:32*

—pie, com on arrangements and entertainment, 80th annl conv, TSCRA *Ap57:33*

—pie, TSCRA conv *Ap57:43*

—pie, with grand champ steer, Houston *Ap57:72*

ROSENTHAL, COY

—pie, TSCRA field insps attend crime school *O56:35*

ROSS, O. B.; POPE, L. S.; STEPHENS, DWIGHT; HUMPHREY, R. D.; MACVICAR, ROBERT

—fattening steers on native grass in Oklahoma *D56:86*

ROWLAND, JACK

—pie, vice-pres Texas Polled Hereford Assn *Mr57:89*

ROY, JOSE

—pie, Highland Hereford Bra sale, Marfa *Ap57:92*

RUDD, LLOYD

—pie, with Prince 105 HR *Ja56:97*

RUSSELL, CHARLES M.

—lying hoofs, The CATTLEMAN COVER *F57*

—the wagon boss, The CATTLEMAN COVER *Ap57*

RUST, A. D.

—pie, with grand champ pen of Angus steers, San Angelo Angus feeder calf sale *O56:100*

RUTHERFORD, PAT

—pie, com on arrangements and entertainment, 80th annl conv TSCRA *Ap57:33*

—pie, TSCRA conv *Ap57:43*

RUTHERFORD, MRS. PAT

—pie, TSCRA conv *Ap57:43*

RUTLEDGE, JOHN

—pie, winning junior A&M and teachers is judging team, Southwestern Expo *Mr57:116*

RYDER, WM. SR. (Knox County, Texas)

—obt *Ag56:129*

RYMER, FRED R.

—pie, TSCRA field insps attend crime school *O56:35*

SADDLES

—sidesaddle riding, R. D. Holt, *Il S56:47*

SADDLES—PICTURES

—sidesaddle designed by Chas. Goodnight *S56:47*

SAFETY STORES

—demonstrate facilities, *Il My57:103*

SALE, BOBBY

—pie, with grand champ steer, Southwestern Expo *Mr57:56*

SALE, MARILYN

—pie, with grand champ steer, Sand Hills Hereford show *F57:94*

SALES

(A—Aberdeen-Angus; B—Brahman; H—Hereford; PH—Polled Hereford; QH—Quarter Horse; S—Shorthorn; SG—Santa Gertrudis)

—Angus Valley Farms *Ja56:58*; Bowen H dispersion *Ja56:73*; Maryland Farm H dispersion *Ja56:73*; Lancaster-Ridgences Farm joint H *Ja56:74*; Silver-Dome Ranch *Ja56:75*; Underwood QH *Ja56:101*; H stocker-feeder, Fort Worth *Ja56:102*; performance-tested A bull *Ja56:103*; Gulf Coast A *Ja56:104*; Hiorseth registered H herd to Mibermel *Ja56:105*; H stocker-feeder, San Antonio *Ja56:104*; O'Donohoe QH *Ja56:105*; H. C. Spinks Farms QH *Ja56:108*; Autry-Bottom QH *Ja56:89*; Hereford Heaven heifer *Ja56:90*; Hill Country H Assn *Ja56:93*; Kemp Ranch dispersal *Ja56:97*; Poteau Valley A Farm dispersal *Ja56:98*; Fort Worth H stocker-feeder *Ja56:110*; San Marcos Charollaise *Ja56:111*; J. F. Goodnight and Sons H dispersion *Ja56:112*; Twin Oaks Ranch H dispersion *Ja56:112*; Kavanagh-Purdy H Ranch *Ja56:117*; A stocker-feeder, Fort Worth *Ag56:131*; Sieteco-Angus Valley *Ag56:132*; Masterson A herd *Ag56:137*; Clark McKelvie sells Shetland pony for \$16,000 *S56:60*; bluestem QH *S56:119*; H stocker-feeder *O56:91*; Concho H feeder calf *O56:93*; Fort Worth A feeder calf *O56:95*; Idley-H A dispersion *O56:96*; San Angelo A feeder calf *O56:98*; Triple E A dispersion *O56:98*; San Antonio A feeder calf *O56:100*; Halbert & Fawcett PH *O56:102*; W. J. Largent & Son H *N56:81*; WHR *N56:81*; Central Texas PH Assn *N56:82*; Texas PH state *N56:82*; Gulf Coast H *N56:83*; East Texas H *Brs N56:83*; Murchison A *N56:91*; E. W. Thompson A *N56:91*; Fineland A *N56:92*; Okla Brangus *N56:98*; Texas H Assn *N56:98*; Okla SG *N56:107*; Owen Lawson SG calf *N56:107*; East Texas SG *N56:108*; R. M. Fry Zato Heir PR Production *N56:*

115; Bruce QH *N56:129*; Blument QH *N56:131*; Mibermel H Ranch 2nd Production *D56:74*; Capital Area H *D56:79*; Dellford Ranch *D56:79*; Hill Country H Assn *D56:80*; Windsor Place H *D56:81*; San Antonio H stocker-feeder *D56:81*; Dawson H dispersal *D56:83*; Bert Berry H *D56:98*; South Texas H Assn *D56:100*; O. C. Whitaker SG Dispersion *D56:103*; Leo Butler *D56:105*; A. M. Aakew Charollaise Cross Sale *D56:106*; Texas cattle to Pa., Cox & McInnis *D56:109*; Par-Ker Ranch annl Production *D56:110*; J. B. Ferguson QH *D56:125*; Clay County H *Ja57:100*; Blanco County H *Ja57:100*; West Texas H *Ja57:104*; Turner Ranch H *Ja57:105*; Anxiety H *Brs Ja57:105*; Moore, Lemley, Allen bull *Ja57:108*; Okla A range bull *Ja57:114*; Kermac Angus Farm *Ja57:114*; Show Window A *Ja57:115*; Okla H Assn bull *Ja57:129*; Arrowhead H Ranch Production *Ja57:129*; Natl PH *Ja57:130*; CK Ranch H *Ja57:130*; W. F. Edens SG *Ja57:132*; Mid-North Texas H Assn *Ja57:144*; Hereford Heaven range bull *Ja57:148*; Montague County H *Ja57:148*; Texas-Okla H *Brs Ja57:149*; Sand Hills H *F57:64*; Panhandle H *Brs F57:66*; Natl Western H *F57:70*; Howard-South Plains H *F57:70*; Concho H *F57:72*; Heart of Texas H *F57:72*; Southeastern N. M. H *Brs F57:72*; Double E Ranch PH *F57:72*; Brown County PH *F57:75*; Natl Western PH *F57:75*; Mid-Texas H *F57:75*; Angus Valley *F57:83*; Fred Morgan SG dispersion *F57:104*; Hull-Dobbs Ranch *F57:114*; Angus Range Bulls *Mr57:101*; Fort Worth A fitted *Mr57:105*; West Texas SG *Mr57:109*; South Texas SG *Mr57:110*; Alamo SG *Mr57:111*; Int'l Internatl range bull, El Paso *Mr57:111*; Figure 4 Ranch Charbray *Mr57:112*; Houston Charollaise *Mr57:113*; Straus Medina H Ranch *Mr57:114*; San Antonio H *Mr57:116*; Southwestern H *Mr57:116*; Top O' Texas H *Mr57:116*; Texas Brangus *Mr57:117*; Magic Valley A *Mr57:117*; San Antonio PH *Mr57:118*; A. H. Karpe's Greenfield H Ranch *Mr57:119*; Circle M Ranch PH *Mr57:119*; Southwestern PH *Mr57:119*; 4-B Ranch PH *Mr57:119*; Shiflet-Shiflet-Saterfield PH *Mr57:119*; Gulf Coast H *Mr57:120*; Fort Worth QH *Mr57:132*; Front QH *Mr57:132*; PR H Ranch 2nd production *Ap57:64*; Rio Grande Valley SG Assn *Ap57:88*; Texas PH *Ap57:94*; CK H Ranch *Ap57:94*; Hill PH Ranch *Ap57:96*; Highland H bull *Ap57:96*; Circle H Ranch H *Ap57:96*; Malpi A *Ap57:97*; Northeast Texas A *Ap57:97*; Diem A *Ap57:98*; Houston A *Ap57:98*; L. W. Pierce QH *Ap57:116*; Gatesford PH *My57:59*; Kleberg County *My57:59*; and 4-B SG *My57:59*; King Ranch SG *My57:88*; San Antonio H stocker-feeder *My57:88*; East Texas SG *My57:89*; King Ranch QH *My57:89*; Pioneer SG *My57:90*; WHR bred heifer *My57:91*; 96; Hull-Dobbs PH *My57:98*; Texas Hereford Round-up *My57:104*; PanTech Farms *My57:109*

SANTA GERTRUDIS BREEDERS INTERNATIONAL

—George Bond resigns as classifier *Ag56:131*

—membership at new high *S56:164*

—J. Frank Leigh named SG classifier *O56:120*

—S. G. judging school at Pan-Am Expo *O56:142*

—dibs to meet in Tampa, Fla., Feb 5 *Ja57:132*

—meet in San Antonio April 12 *Ja57:155*

—adds two assns *Ja57:156*

—meeting in San Antonio April 11 *Ap57:90*

—holds sixth annl meeting in San Antonio *My57:109*

SANTA GERTRUDIS CATTLE

—field day at Bar B Ranch *Ja56:89*

—Calf B starts S. G. herd *Ja56:90*

—field day at Rush Creek Ranch *Ja56:91*

—S. G. Progress, Roger B. Letz, *Il Jy56:31*

—grading-up with S. G., *Il Jy56:36*

—how to grade-up a comm herd of cattle to purebred S. G. status *Ja56:37*

—R. King & Co. played important part in S. G. expansion, *Il Jy56:38*

—standard of excellence *Jy56:41*

—the future of the S. G. breed, R. W. Briggs, Sr. *Jy56:66*

—S. G. bulls excel in gain evaluation tests *Jy56:71*

—S. G. breeding cattle to Portugal *O56:121*

—S. G. to compete at La. Delta *O56:121*

—Yturria S. G. cattle to Philippines *O56:122*

—winners at recent shows *N56:126*

—Canrosey, Cuba, Dec. 10-16 *D56:104*

—Leo Rutter S. G. Ranch sold to H. A. Garrett *D56:105*

—second shipment to Spain *Ja57:136*

—in Cuba, Roger B. Letz, *Il F57:39*

—Santa Gertrudis demonstration at Columbia, S. C. May 24 *My57:89*

SANTA GERTRUDIS CATTLE—PICTURES

—on the King Ranch, The CATTLEMAN COVER *Jy56*; on the King Ranch *Jy56:31*; Monkey *Jy56:31*; King Ranch steers, stockyards at Chicago *Jy56:32*; steers in an Iowa feedlot *Jy56:32*; steers in East Texas *Jy56:32*; King Ranch yearling heifers at Galveston *Jy56:32*; Chief *Jy56:32*; in Cuba *Jy56:33*; grazing on a South Texas pasture *Jy56:33*; bull with comm cows *Jy56:33*; single sire breeding herd near Gulf Coast *Jy56:33*; comm cattle on Fort Worth stockyards *Jy56:33*; purebred heifers ready for export *Jy56:34*; herd in North Dakota *Jy56:34*; breeding herd in Northeast Texas *Jy56:34*; at feed day *Jy56:34*; 4th-cross yearling heifers on St. Joseph Island *Jy56:36*; 1st-cross cow, with one-half SG blood *Jy56:37*; 2nd-cross cow, with three-fourths

SG blood Jy56:37; 3rd-cross cow, with seven-eighths SG blood Jy56:37; cows on Santa Fe Ranch, north of Edinburg Jy56:38; good, deep cows at the Agua Dulce Ranch Jy56:39; yearling heifers Jy56:39; herd scene on Santa Fe Ranch Jy56:39; cows and calves Jy56:39; typical cow Jy56:41; typical bull Jy56:41; Money-maker Jy56:38; Red Cain 2nd 056:117; Lucy C 056:117; Betsy Crisp N56:107; Tattoo Red N56:108; Gypsy N56:108; Red King N56:109; Coneith N56:109; Bob J N56:116; Linda N56:126; Captain N56:126; Scarlet D56:103; Sioux Chief D56:105; Pilot J57:132; EJB Carmen 5181 J57:138; typical scene SG cattle on Guinea grass pasture, Pingree Ranch, Cuba F57:39; on Alvaro Sanchez Ranch, Cuba F57:39; in Camaguey show, Cuba, owned by Cía Ganadera Bacerra, S. A. F57:40; get of sire class, Camaguey show, Cuba, won by Alvaro Sanchez F57:40; herd of Sumner Pingree F57:40; heifers on Pingree Ranch F57:40; purebred cattle in Camaguey show F57:41; cows and steers on E. J. Barker Ranch, Cuba F57:41; cows and calves owned by Cía Ganadera Becerra, S. A., Cuba F57:41; steers on Pingree Ranch F57:41; native cattle and cows with SG blood, Cuba F57:41; Mirasol 98 Mr57:68; Duke Mr57:100; Ap57:86; Gata Mr57:100; Valentine Ap 57:86; Rosita Ap57:88; Rosa Ap57:88; Bolivar Ap57:90; Mr. Kentucky Ap57:90; Lucy C Ap 57:100

SANTA GERTRUDIS CATTLE—SHOWS

—East Texas f 056:117; South American show at Bogota, Colombia 056:120; Heart O' Texas f N56:126; Gregg county f N56:126; Tulsa f N56:126; Pan-Am La Expo N56:126; South Texas f D56:105; show in Cuba J57:136; Camaguey, Cuba F57:39; Southwestern Expo Mr57:66; San Antonio La Expo Mr57:99; Florida f Mr57:124; Houston Fat Stock Ap57:86; LSU Is Ap57:86; Rio Grande Valley La Ap57:88; Kissimmee Valley La Ap57:100; Central Florida f Ap57:100

SARTWELLE, J. D.

—pic, com on arrangements and entertainment, 80th annl conv, TSCRA Ap57:33

SARTWELLE, J. W.

—pic, com on arrangements and entertainment, 80th annl conv TSCRA Ap57:33

SAVAGE, FRANK

—pic, with Cecil Arnim, a member gets posted Mr57:36

SAWYER, FERN

—pic, NCHA officers and dirs, 1946 S56:81

SCALING, CHARLES

—pic, with champ pen of steers, Fort Worth Hereford stocker-feeder sale J56:92

SCHMIDT, HUBERT A.

—pic, honored by Texas A&M J56:103

SCHUCHART, E.

—pic, with champ pen 10 heifers, San Antonio Hereford stocker-feeder sale J56:110

SCHUCHART, LLOYD

—pic, with champ pen 10 heifers, San Antonio stocker-feeder sale J56:110

SCOREE, BARRY

—mountains that touch the sky, il D56:31

SCOTT

—pic, the founding of the Matador 056:43

SCOTT, BOB

—pic, the founding of the Matador 056:43

SCOTT, D.

—pic on Gray Dog Jy56:78

SCOTT, E. L. (Phoenix, Ariz.)

—obit 056:38

SCOTT, JAMES

—cartoon N56:134

SCOTT, ROBERT

—pic, member winning Okla. A&M team beef and meat judging, Am Royal D56:82

SCOTT, W. A.

—pic, TSCRA conv Ap57:41

SEALS, MRS. LEE (Erath County, Texas)

—obit Jy56:77

SHAFFER, ED

—pic, the founding of the Matador 056:43

SHAHAN, HAPPY

—pic, dir Texas Angus Assn Mr57:86

SHEFFIELD, CARL

—pic, pres Texas Polled Hereford Assn Mr57:80

—heads Texas Polled Hereford Brs Mr57:118

—re-elected pres Texas Polled Hereford Brs My 57:104

—obit J57:90

SHEPARDSON, CHARLES N.

—Is credit problems, addr TSCRA conv, pic Ap 57:37

SHEPHERD, GEORGE

—pic, TSCRA conv Ap57:41

SHEPHERD, PONDIES

—sells for \$16,000 S56:60

SHIELDS, BOB

—pic, the founding of the Matador 056:43

SHIELDS, FOOT

—pic, the founding of the Matador 056:43

SHIPLET, JOHN

—new pres Polled Hereford Brs J57:102

SHINN, GRACE

—Fort Smith, Ark.—Okla Market News Mr57:129; Ap57:108

SHIVERS, ALIAN

—pic, Shivers proclaims beef week D56:10

SHORTHORN CATTLE

—Texas Shorthorn Brs organize new asan N56:110

—Texas herd second in Shorthorn registrations My57:92

SHORTHORN CATTLE—PICTURES

—Hallwood Seven Eleven N56:78; Kamar Red Lavender 2 N56:79; Shorthorn cattle at Fort Worth Stockyards D56:101; P. S. Troubadour J57:80; W. L. Conant 7 Mr57:82; Ap57:79 Hillcroft Miss Ramsden 3 Mr57:82; Ap57:79; Level-dale Rothes Queen 4 Mr57:97

SHORTHORN CATTLE—SHOWS

—Ozark Empire f 056:68; Ohio sf 056:68; Mo. sf 056:68; Ill. sf 056:70; Iowa sf 056:71; Wise, sf 056:72; Nebr. sf 056:74; S. D. sf 056:74; Wyo. sf 056:74; Ind. sf 056:76; Colo. sf 056:77; Kans. Free f 056:77; Kans. sf 056:77; East Texas f 056:81; Pan-Am La Expo N56:78; Tulsa sf N56:94; Ark. sf N56:94; Heart O' Texas f N56:100; Am Royal N56:112; Internatl J57:80; Natl Western F57:92; Ariz. Natl La F57:108; Southwestern Expo Mr57:62; San Antonio La Expo Mr57:96; Southwestern La, El Paso Mr57:115; Houston Fat Stock Ap 57:78

SHULTZ, S. S.

—pic, with grand champ steers, Fort Worth stocker-feeder sale Jy56:100

SIMMONS, J. B.

—pic, TSCRA conv Ap57:41

SIMMS, WILLARD

—pic, with grand champ steer, Natl Western F57:88

SKELETT, GEORGE CALVIN (Cimarron County, Okla.)

—obit J56:100; Jy56:74

SLAUGHTER, JOE DICK (Lubbock, Texas)

—obit F57:68

SLOCUM, FRED

—pic, with grand champ steers, Hereford stocker-feeder sale, Fort Worth N56:120

SLOCUM, JEFF

—pic, with champ pen of heifers, Fort Worth Hereford stocker-feeder sale J56:102

SMITH, ALEC

—pic, the founding of the Matador 056:42

SMITH, C. K.

—pic, member Highland Hereford Assn Ag56:33

SMITH, CHARLES B. (Floydada, Texas)

—obit My57:82

SMITH, CLARENCE P.

—pic, member winning Is judging team, Am Royal D56:91

SMITH, DAMON

—pic, with champ Hereford heifers, Fort Worth stocker-feeder sale Jy56:117

SMITH, JOE HEFLIN

—the cowboy strike J56:35

—Tascosa, the cowpunchers' town, il Ag56:142

SMITH, JOHN

—pic, the founding of the Matador 056:43

SMITH, MORRIS M. (Navasota, Texas)

—obit N56:84

SMITH, R. E. "BOB"

—pic, TSCRA conv Ap57:44

SMITH, MRS. R. E. "BOB"

—pic, TSCRA conv Ap57:44

SMITH, RILEY

—pic, member Highland Hereford Assn Ag56:33

SMITH, SIDNEY S. (Llano, Texas)

—obit J57:88

SMITH, W. A.

—pic, com on arrangements and entertainment, 80th annl conv TSCRA Ap57:33

SMYTH, RAY

—pic, NCHA officers and dirs, 1946 S56:81

SMYTHE, JACK

—pic, dir Internatl Charollaise CRA J56:87

SNAKES

—the diamond back rattler, Jewell Casey, il My 57:86

SNODGRASS, G. L. (Floyd County, Texas)

—obit 056:84

SNYDER, MARCUS

—the first Spanish cattle, chapter I, The Longhorns, J. Frank Dobie, il Mr57:34

SOIL BANK, THE

—objectives, administration in 1956, etc. Jy56:24

—soil bank highlights S56:14

—soil bank certificate redemption 056:18

—acreage reserve agreements 056:20

—corn farmers to vote D56:20

—soil bank reserve regulations J57:14

—cowman's interest in soil bank legislation, W. R. Pomar, addr, TSCRA conv, pic Ap57:46

SOIL CONSERVATION

—save the soil and save Texas J56:14

—residue management and wheat yields J56:91

—grass roundup across the nation, B. W. Allred, il Ag56:40

—conservation ranching a "must," Edgar F. Baumann, il 056:38

—soil conservation society meets in Tulsa Oct. 15-17 056:100

—Basket Ranch got ready for the drouth, Edgar F. Baumann, il N56:52

—root-plowing proves best, D. V. Allison, il J57:40

—range reseeding can make a more successful ranch operation, D. B. Polk, il Mr57:38

SOIL CONSERVATION SOCIETY OF AMERICA

—to meet in Tulsa Oct. 15-17 Ag56:108

—meets in Tulsa Oct. 15-17 056:100

SOTOLA, JERRY; HUGHES, CHARLES E.

—beef breeding research, il, reprinted from Armour's Analysis My57:37

SOUTH CAROLINA SANTA GERTRUDIS ASSN.

—SGIH adds two asans J57:154

SOUTH TEXAS ANGUS ASSN.

—McCrack heads Ap57:98

SOUTHERN FOREST EXPERIMENT STATION

—more timber in Texas Ag56:102

SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION

—mesquite for Is feed Ag56:140

SPAIN

—second Santa Gertrudis shipment to Spain Ja 57:136

SPEAR, EDWARD W.

—most respected service fifty years old, il, reprinted from Armour's Analysis N56:40

SPENCE, DOC

—pic, mounted on Knockle J56:98

SPENCER, DICK, III

—chuck wagon cartons J56:50; Jy56:58; Ag 56:106; S56:88; 056:50; D56:48; J57:46; F57:54; Mr57:62; Ap57:91; My57:57

SPENCER, TOM

—pic, field representative for Kansas City Stockyard Co. My57:66

SPEERY, O. E.; WALKER, A. H.

—umbrella causing heavy losses to Is in Chihuahua, Mexico, il My57:36

SPURS

—the Crockett spur, Pollyanna B. Hughes, il S56:100

SQUIERS, FRED

—pic, a new strain of sorghum alnum, Ruby H. Bush, il F57:42

STAGECOACHES—PICTURES

—Gen. Luis Terrazas Ag56:38

STANGEL, W. L.

—pic, honored for his service to agriculture D56:92

STEERS—PICTURES

—champ pen, Fort Worth Hereford stocker-feeder sale J56:92; champ carlot 40 steers, San Antonio Hereford stocker-feeder sale J56:94; champ pen 10, San Antonio Hereford stocker-feeder sale J56:110; champ pen 20, San Antonio Hereford stocker-feeder sale J56:115; King Ranch steers on stockyards, Chicago Jy 56:32; Santa Gertrudis steers, Iowa feedlot Jy 56:32; Santa Gertrudis steers in East Texas Jy56:32; grand champ, Fort Worth stocker-feeder sale Jy56:100; fed stillbirthed Ag56:144; S56:88; grand champ, Fort Worth stocker-feeder sale Jy56:110; from TO Ranch S56:173; grand champs, Hereford stocker-feeder show, Fort Worth 056:91; Little Beaver N56:74; PS Troubadour J57:80; champ and reserve champ Hawaii's 4-H beef steer show F57:100; 1st prize carload yearling steers, Natl Western F57:88; grand champ, Natl Western F57:88; grand champ, Sand Hills F57:94; grand champ Hereford, Southwestern Expo Mr57:56; grand champ Hereford, San Antonio La Expo Mr57:99; grand champion, junior division, Southwestern La Show, El Paso Mr57:115; grand champ, Houston Ap 57:72

STEINMANN, MRS. W. A.

—pic, TSCRA conv Ap57:41

STELLYER, BOB

—pic, the founding of the Matador 056:43

—STEPHENS, DWIGHT; HUMPHREY, R. D.; MACVICAR, ROBERT; ROSS, O. B.; POPE, L. S.

—fattening steers on native grass in Okla. D56:86

STEPHENS, JOHN W.

—factors affecting the Is industry J56:22; Jy 56:44; Ag56:24; S56:30; 056:24; N56:22; D56:22; J57:24; F57:18; Mr57:24; Ap57:26; My 57:12

STEWART, CHAS. A.

—pic, TSCRA field insps attend crime school 056:35

—pic, with Cecil Arnim at TSCRA headquarters Mr57:35, 56

—pic, socy-gen mgr TSCRA Ap57:33

—reviews Assn work Ap57:36

STEWART, FLYNN W.

—Aberdeen-Angus cattle continue to show rapid strides in Texas, pic, J56:98

—pic, ex-officio dir Texas Angus Assn Mr57:86

STEWART, J. L.

—pic, TSCRA field insps attend crime school 056:35

STEWART, JIMMIE

—pic, Llano county's 4-H Is judging team Jy 56:108

STEWART, JOHN MILTON (Mazon, Texas)

—obit Mr57:103

STILES, J. L.

—pic, TSCRA field insps attend crime school 056:35, 36

STONE, G. O.

—pic, TSCRA field insps attend crime school 056:35

STOREY, DUDLEY, JR.

—pic, drouth-proofing range lands, Roger B. Lets, II N56:39

STOUT, LESTER

—pic, TSCRA field insps attend crime school O56:35

STRAUS, JOE, JR.

—pic, with champ carload 40 heifers, San Antonio Hereford stocker-feeder sale J56:134

STREETER, FRANK E. (Colorado)

—obit J57:184

STRICKLAND, A. B.

—pic, TSCRA field insps attend crime school O56:35

—pic, TSCRA conv Ap57:45

SWAFFAR, PAUL

—pic, secy Am Hereford Assn J56:69

—bulle—some things comm cattlemen want in them, II Ag56:39

—pic, secy Am Hereford Assn D56:96

—what beef breed aasns think of is shows—Herefords J57:39

—pic, with grand champ steer, Natl Western F57:88

SWENSON, A.M.G.

—pic, TSCRA conv Ap57:41

SWENSON, W. G.

—re-elected pres Texas Cowboy Reunion Mr57:118

—pic, TSCRA conv Ap57:41

SWIFT AND CO.

—the new look in meat, Dick Biglin J56:76

SYNAR, HARRY

—pic, coach winning junior A&M and teachers in judging team, Southwestern Expo Mr57:116

TADLOCK, CHARLES

—pic, with grand champ steers, Fort Worth stocker-feeder sale J56:109

TALBOT, D. G.

—pic, with grand champ heifers, Hereford stocker-feeder sale, Fort Worth N56:184

TALLANT, GEORGE A.

—pres, Texas-Oklahoma Hereford Brs Assn My57:99

TANKSLEY, T. D.

—pic, coach Llano county's 4-H is judging team J56:108

TASCOSA

—the cowpunchers' town, Joe Hefflin Smith, II Ag56:42

TAYLOR, JAY

—pres Texas La Marketing Assn. Ap57:93

TEHO, FORTUNATO

—pic, Hawaii's 4-H beef steer show, II F57:50

TENNESSEE, UNIVERSITY OF

—Am Angus conference draws large crowd J56:24

TERRAZAS, AMADA DE SIBNIEGA

—pic, the world's greatest cattle king, Mary W. Clarke, II Ag56:38

TERRAZAS, DON LUIS

—the world's greatest cattle king, Mary W. Clarke, II Ag56:38

TEXAS ABERDEEN-ANGUS ASSN.

—San Antonio Aberdeen-Angus stocker-feeder sale Aug. 23 J56:166

—Aberdeen-Angus cattle continue to show rapid strides in Texas, Flynn W. Stewart J56:98

—Fort Worth feeder calf show and sale O56:95

—San Antonio stocker-feeder show and sale O56:109

—to meet Jan. 30 J57:149

—pic, officers and dirs Mr57:86

—elect Herman Allen pres Mr57:124

TEXAS A&M COLLEGE

—value of pricklypear can be misleading, Garlyn O. Hoffman, II J56:163

—range supplements to be tested J56:168

—Hubert A. Schmidt honored J56:103

—bluebonnet experiment station holds annl field day J56:105

—Santa Gertrudis bulls excel in gain evaluation tests Jy56:71

—beef cattle conference, Aug. 13-15 Jy56:72

—alfombrilla causing heavy losses to ls in Chihuahua, Mexico, II, O. E. Sperry and A. H. Walker My57:136

—producing beef with stilbestrol and antibiotics, P. T. Marion, C. E. Fisher and J. H. Jones, II Ag56:144

—interesting program for Texas A&M beef cattle short course Ag56:146

—Texas A&M beef short course, Milton E. Miller S56:116

—J. C. Miller named dean at A&M school of agriculture, II O56:124

—Texas is marketing system one of the best D56:94

—cattle performance assn providing weighing service D56:107

—D. W. Williams acting pres J57:149

—corchum alumnus, E. M. Trew F57:42

—Assn supports appropriation for research in field of ls Mr57:15

—pic, is judging team Mr57:83

—is judging team wins Mr57:109

—beef cattle field day at McGregor, Texas, Mar. 14 Mr57:122

—redco to feature NCHA contest Ap57:104

—Winkel bull to Texas A&M Ap57:106

—Bluebonnet experiment station holds annl field day Ap57:109

—Balmorhea experiment station 15th bull progeny test Ap57:109

TEXAS APPALOOSA HORSE CLUB

—reports good progress O56:140

TEXAS BEEF CATTLE IMPROVEMENT ASSN.

—organize Ag56:125

TEXAS BEEF COUNCIL

—wins natl award J56:116

—beef-eating increasing in Texas O56:22

—beef week in Texas Dec. 2-8 N56:30

—producers promote beef, Leo Welder, II N56:37

—pic, exhibit of Texas N56:37

—Shivers proclaims beef week D56:10

—pic, Leo J. Welder receiving 1955 annl achievement award J57:122

—Leo Welder's speech, TSCRA conv, pic Ap57:58

TEXAS BRANGUS BREEDERS ASSN.

—Brangus brs plan activities at San Antonio Stock Show J57:128

—Owen Womack heads Mr57:112

TEXAS CHAROLAISE AND CHAROLAISE-CROSS SALES CORPORATION

—sale set for Nov. 5 Ag56:147

TEXAS CHRISTIAN UNIVERSITY

—offers new courses in farming, ranching and conservation Jy56:44

TEXAS COWBOY REUNION ASSN.

—H. E. Culwell again heads Ag56:141

—dates set for 1957 Mr57:118

TEXAS DEPARTMENT OF PUBLIC SAFETY

—TSCRA field insps attend crime school, Roger B. Lets, II O56:35

TEXAS FARM BUREAU

—avoids price support controversies D56:28

TEXAS HEREFORD ASSN.

—Humberto V. Reyes joins staff J56:75

—Hereford stocker-feeder sales at Fort Worth proving highly successful, Henry Elder, II Ag56:112

—annl meeting J57:140

—pic, officers Mr57:71

—R. J. Roeder, Jr. new pres Mr57:118

—three Texas Hereford brs honored Mr57:118

TEXAS LIVESTOCK MARKETING ASSN.

—announces promotions J56:117

—H. F. Mack retires after 27 years with The Texas J57:122

—annl meeting Ap57:93

TEXAS LIVESTOCK SANITARY COMMISSION

—reports to dirs TSCRA O56:10

—appropriations Mr57:5

TEXAS-OKLAHOMA HEREFORD BRS ASSN

—elect officers My57:99

TEXAS PARADE

—mountains that touch the sky, Barry Scobee, II D56:31

—the last of the great horns, Jimmy Walker, II J57:31

TEXAS PHENOTHIAZINE CO.

—new cattle wormer formula combats worm infection My57:90

TEXAS POLLED HEREFORD ASSN.

—show and sale Sept. 8-15 Jy56:91

—to meet Jan. 29 J57:129

—pic, officers Mr57:50

—Carl Sheffield heads Mr57:118

—re-elect Carl Sheffield My57:104

TEXAS RESEARCH FOUNDATION

—residue management and wheat yields J56:91

TEXAS SHEEP AND GOAT RAISERS ASSN.

—T. A. Kincaid, Jr. pres J57:44

TEXAS SHORTHORN ASSN.

—annl meeting Jan 30 J57:140

TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSN.

—dirs hold quarterly meeting Jy56:7

—will meet in San Antonio Sept. 15, 1956 Ag56:5

—Mexican contract labor Ag56:5

—opposes legislation imposing expensive and impractical methods of ls slaughter Ag56:5

—urges immediate relief for drouth disaster areas Ag56:5

—brand insps guests of W. T. Waggoner Estate, II Ag56:139

—dirs will meet in San Antonio Sept. 15, 1956 S56:5

—relief for drouth sufferers S56:5

—promotion sale of meat S56:5

—government beef buying S56:5

—charges for loading and unloading ls S56:6

—market news service S56:6

—cheers S56:6

—reduced freight rates requested O56:7

—beef buying O56:7

—public relations O56:7

—feed for drouth areas O56:8

—beef promotion O56:8

—market news O56:8

—cheers O56:8

—dirs meet in San Antonio O56:8

—Harry Moore honored by East Texas Chamber of Commerce O56:124

—quarterly meeting, board of dirs Dec. 7 N56:7

—Mexican cattle purchases N56:7

—opposing increase in rates N56:8

—public relations N56:8

—pic, exhibit of Texas N56:37

—quarterly meeting, board of dirs Dec. 7 D56:7

—ls inventory D56:7

—annl conv D56:7

—resisting additional freight rates increase D56:7

—public relations D56:8

—cattle purchase by Mexicans D56:8

—thefts D56:8

—report of dirs meeting Dec. 7 J57:5

—cattle thefts J57:8

—freight rates increased J57:14

—dirs meeting in Houston Mar. 18 F57:5

—Pres. Eisenhower's drouth tour F57:5

—legislation F57:6

—animal health F57:6

—posting auction markets F57:6

—cattle thefts F57:6

—dirs meeting in Houston Mar. 18 Mr57:5

—Mexican labor Mr57:5

—ls sanitary comm Mr57:5

—public relations Mr57:5

—rail rates Mr57:5

—A&M College Mr57:5

—program, 80th annl conv Mr57:30

—invitation to 80th annl conv Mr57:31

—Houston welcomes TSCRA Mr57:32

—a member gets posted, II Mr57:35

—federal meat grading Ap57:19

—80th annl conv Ap57:33

—Stewart reviews Assn work Ap57:36

—resolutions adopted at the 80th annl conv Ap57:38

—conv personalism, Mary W. Clarke, II Ap57:40

—dirs to meet in Austin My57:7

—blizzard My57:7

—transportation tax My57:7

—saddle thief sentenced My57:7

—new inspectors com appointed My57:7

—beef slogan contest My57:8

TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSN. (INSPECTORS)

—missing cattle located J56:5

—guests of W. T. Waggoner Estate, II Ag56:139

—field insps attend crime school O56:35

—cattle thefts N56:7

—saddle thief sentenced My57:7

—new insps com appointed My57:8

—Tom Spencer, field representative for Kansas City Stockyard Co., pic My57:66

TEXAS TECHNOLOGICAL COLLEGE

—Masteron Ranch records presented to D56:27

—pic, ls judging team at Am Royal D56:91

—Dean Stangel honored for his service to agriculture D56:92

—cattle feeders day, May 7 My57:106

THIEDE, OTTO AND SONS

—Texas herd second in Shorthorn registrations My57:92

THOMAS, CHARLES LEONARD (Big Bend, Texas)

—obit Jy56:74

THOMAS, DICK

—pic, Texas A&M's winning ls judging team, Southwestern Expo Mr57:83

THOMAS, J. B.

—pic, pres Texas Electric Service Co. J56:104

THOMPSON, ERNEST O.

—pic, 80th annl conv TSCRA Ap57:36

THOMPSON, H. H.

—pic, with champ pen 20 steers, San Antonio Hereford stocker-feeder sale J56:115

THOMPSON, E. M.

—pic, watching S. G. calf being weighed on portable scale D56:107

THORNTON, R. L., SR.

—state fair elects Thornton J57:140

THURBER, BUD

—pic, with champ carlot of Herefords, Southwestern Expo Mr57:82

—pic, Safeway stores demonstrate facilities My57:103

TICE, JOHN RALPH (McAllen, Texas)

—obit Mr57:103

TIMBER

—more timber in Texas Ag56:102

TIMMONS, CAROLYN AND HERBERT

—last wild horse roundup in Texas Panhandle, II S56:45

TIMMONS, HERBERT AND CAROLYN

—last wild horse roundup in Texas Panhandle, II S56:49

TINSLEY, T. O.

—pic, TSCRA field insps attend crime school O56:35

TIPPETT, W. H., SR. (Tell, Texas)

TRENT, JIM
—pic, Cowboy Collinson, Mary Whitley Clarke, il Ja57:37

TREW, E. M.
—sorghum alsum F57:42

TRIPLE HORSESHOE RANCH
—pic, Charcross brand D56:41

TRUSCOTT, LARRY
—pic, with grand champ heifers, Hereford stocker-feeder sale, Fort Worth N56:134

TURNER, ALLEN
—pic, Highland Hereford Brs sale, Marfa AP57:92

TURNER, JACK
—pic, Highland Hereford Brs sale, Marfa AP57:92

TURNER, MARVIN
—pic, TSCRA field insps attend crime school O56:35

TURNER, ROY
—pic, addressing 80th annl conv TSCRA AP57:36

TYLER, R. E. L.
—pic, member Highland Hereford Assn AG56:33

UNDERWOOD, HARRIS (Houston, Texas)
—obit My57:89

UNION FEED YARDS
—beef making is their business, Frank Reeves, il Jy56:78
—Texans feeding cattle in Calif O56:142

UNITED STATES DEPARTMENT OF AGRICULTURE
—turning feed into beef, reprinted from Agricultural Research J56:61
—more electricity used on farms J56:69
—seek new laboratory site Jy56:16
—the soil bank Jy56:24
—fewer cattle shipped to pasture grazing areas Jy56:83
—Dr. W. E. Logan to retire—Dr. F. L. Herchenroeder succeeds him, pic Jy56:103
—Assn opposes legislation imposing expensive and impractical methods of ls slaughter AG56:5
—immediate relief urged for drought disaster areas AG56:5
—Iowa state recommended for laboratory AG56:10
—large acreage to Texas crops AG56:16
—recently approved legislation AG56:26
—attibestrol-fed beef found OK AG56:26
—meat production and consumption AG56:26
—new market grades AG56:28
—a step closer to cattle-grub systemic AG56:158
—relief for drought sufferers S56:5
—government beef buying S56:5
—charges for loading and unloading ls S56:6
—market news service S56:6
—record Texas calf crop for 1956 S56:6
—no emergency beef buying S56:10
—Texas crops suffering from drought S56:10
—Texas cotton prospect 3,600,000 bales S56:12
—soil bank highlights S56:14
—use of farm products in 1956 S56:18
—grain exports up 46 per cent S56:22
—horse and mule census S56:24
—beef buying O56:7
—market news O56:8
—soil bank certificate redemption O56:18
—acreage reserve agreements O56:20
—housing for stock too fancy in many cases O56:99
—more ls . . . more insect pests O56:112
—sleeping sickness reappears in Southeast O56:114
—Mexican beef buying N56:8
—most inspection service fifty years old, Edward W. Spear, il, reprinted from Armour's Analysis N56:49
—ls inventory D56:7
—cattle purchase by Mexicans D56:8
—may change lamb-mutton grades D56:16
—corn farmers to vote Dec. 11 D56:20
—less meat forecast for 1957, il D56:75
—make room for fats, reprinted from Agricultural Research D56:82
—new brucellosis regulations Ja57:12
—soil bank acreage reserve regulations Ja57:14
—emergency grazing of acreage reserve extended through Jan. 31, 1957 Ja57:26
—range steers fed stilbestrol made greater gains on feed Jy57:54
—two per cent drop in cattle and calves on farms Jan. 1, 1957 Mr57:6
—television film on beef AP57:6
—wool production off in 1956 AP57:8
—mohair production up 8 per cent AP57:8
—federal meat grading AP57:10
—pasture leasing fairly active My57:8
—foot and mouth disease on Curacao My57:26
—what about blast? My57:79

URUGUAY, UNIVERSITY OF THE REPUBLIC OF
—pic, Angus bull presented to Ja57:114

UTLEY, WILLIAM (Wichita Falls, Texas)
—obit Ja57:88

VAN STONE, L. F.
—pic, pres Houston, Texas Farm and Ranch Club Mr57:32

VARELA, ALFONSO
—pic, receiving Angus bull from Jack Danciger Ja57:114

VAUGHAN, W. J.
—what beef breed assns think of ls shows—Charollaise Ja57:89

VINCENT, HOWARD
—pic, winning junior A&M and teachers ls judging team, Southwestern Expo Mr57:116

VIRDELL, LOUIS
—pic, Basket Ranch got ready for the drought, Edgar F. Baumann, il N56:52

VIT-A-WAY, INC.
—Dr. Ray M. Anderson joins Vit-A-Way J56:97
—Walter Gatlin joins staff Jy56:103
—names new vice-pres S56:124
—water nutrition in feeding N56:116
—new office building D56:58

VIVIAN, LEON T.
—pic, TSCRA field insps attend crime school O56:35

VOSBURG, R. S.
—pic, TSCRA conv AP57:44

WAGGONER ESTATE, W. T.
—brand insps guests of W. T. Waggoner Estate, il AG56:139

WALKER, A. H.; SPERRY, O. E.
—alfombrilla causing heavy losses to ls in Chihuahua, Mexico, il My57:36

WALKER, GEORGE
—pic, the founding of the Matador O56:43

WALKER, J. P.
—disposes of Angus Valley Farms J56:58

WALKER, JIMMY
—the last of the great horns, il, reprinted from Texas Parade Ja57:31

WALSTON, WM. JESS (Menard, Texas)
—obit AG56:129

WALT THE WEATHER MAN (column)
—by Walter Porter—tips on tornadoes, il J56:83; tips on thunderstorms, il Jy56:84; tips on hail and lightning, il AG56:134; tips on hurricanes, il S56:122; bright blue weather, il O56:108; the formation of cold fronts, il N56:69; tips on cold fronts, il D56:108; tips on the weather, il Ja57:117; tips on radar, il F57:84; tips on low pressure areas, il AP57:117; tips on the weather My57:94

WALTERS, BEN L. (Lubbock, Texas)
—obit J56:99

WALTERS, L. E.
—pic, coach winning Okla. A&M team, beef and meat judging, Am Royal D56:82

WALTON, WALTER A.
—pic, the founding of the Matador O56:42

WARD, GARY
—pic, champ meat judging team, Southwestern Expo Mr57:126

WARD, WILLIAM ALLEN
—old Fort Phantom Hill, il D56:62

WASHINGTON ROUNDUP, THE (column)
—J56:8; Mr57:28; AP57:28; My57:29

WATT, BILLY BOB, JR.
—pic, with champ Hereford heifers, Fort Worth stocker-feeder sale Jy56:117

WATT, W. R.
—pic, with grand champ steer, Southwestern Expo Mr57:56

WEBB, WILBER
—pic, PAZA good will tour to Mexico AG56:138

WEBB, MRS. WILBER
—pic, PAZA good will tour to Mexico AG56:138

WEBER, A. D.
—pic, honored at Internatl Ja57:106

WEEDON, JOE
—pic, secy Texas Polled Hereford Assn Mr57:80

WEINERT, HILMAR H. (Seguin, Texas)
—obit Jy56:76

WELCH, BUSTER
—pic, mounted on Marion's Girl J56:51
—training Marion's Girl, as told by Buster Welch to Frank Reeves, il S56:37

WELCH, KEN
—pic, six-year-old cutting horse rider, il S56:84

WELDER, LEO J.
—producers promote beef, il N56:37
—pic, Shivers proclaims beef week D56:10
—pic, receiving annl achievement award for Texas Beef Council Ja57:122
—Texas Beef Council, addr TSCRA conv, pic AP57:53

WELDER, R. J.
—pic, TSCRA conv AP57:45

WELLS, CLYDE
—pic, with grand champ steers, Fort Worth stocker-feeder sale Jy56:109
—pic, with grand champ steers, Hereford stocker-feeder show, Fort Worth O56:91
—pic, with grand champ heifers, Hereford stocker-feeder sale, Fort Worth N56:134

WESTERN CATTLE FEEDERS
—teamwork marketing S56:166

WESTERN COWPUNCHERS ASSN
—old-timers meet, Alice Puckett, il O56:44

WETZEL, WALTER GUY (Texas City, Texas)
—obit D56:89

WEYMOUTH, C. E.
—pic, holding beefpanels for his ranch trucks O56:102

WHARTON, RAY
—pic, Ray hurries, Willard H. Porter, il J56:37

WHEELER, MRS. R. A. (Palo Pinto County, Texas)
—obit Ja57:90

WHEELER, WINSTON
—pic, dir Internatl Charollaise CRA J56:87

WHITCOMB, GAIL
—pic, com on arrangements and entertainments 80th annl conv TSCRA AP57:83

WHITE, DAMON
—pic, with champ pen 20 steers, San Antonio Hereford stocker-feeder sale J56:115

WHITE, G. R.
—pic, TSCRA conv AP57:42

WHITE, J. T.
—pres ABBA Mr57:133

WHITE, JIM
—Highland Hereford brs re-elect pres My57:61

WHITE, TOM
—pic, the founding of the Matador O56:43

WHITE, WILL
—pic, the founding of the Matador O56:43

WILLIAMS, B. E.
—pic, TSCRA conv AP57:45

WILLIAMS, BILL
—pic, with grand champ steer, Houston AP57:72

WILLIAMS, MRS. BILL
—pic, with grand champ steer, Houston AP57:72

WILLIAMS, D. W.
—acting pres of Texas A&M Ja57:149

WILLMANN, MILTON
—pic, with champ pen 20 heifers, San Antonio Hereford stocker-feeder sale J56:115

WILLMAN COMPANY
—pic, HWY brand D56:41

WILLS, HOOD
—pic, a new strain of sorghum alsum, Ruby H. Bush, il F57:43

WILSON, C. M.
—pic, TSCRA field insps attend crime school O56:35

WILSON, RAY B.
—pic, TSCRA field insps attend crime school O56:35

WINDSOR, W. C.
—pres Anxiety Hereford Brs Ja57:86

WINEGAR, PHIL
—promoted to rank of major in USAF Ja57:149

WINKEL, J. W.
—Winkel bull to Texas A&M AP57:106

WINSTON, HARRIE
—pic, presents plaques to three Texas Hereford Brs Mr57:118

WINSTON, JOE (Aledo, Texas)
—obit Ja57:86

WIRECO LIFE
—magazine article features story on fence-cutting rings AG56:137

WISCONSIN UNIVERSITY OF
—wins meat judging contest at Am Royal D56:114
—most judging team wins at Southwestern Expo Mr57:119
—pic, champ meat judging team, Southwestern Expo Mr57:126

WITTMAN, MRS. LOIS
—pic, registration com, 80th annl conv TSCRA AP57:34

WOLFE, LOUIS (Mazkham, Texas)
—obit AG56:126

WOMACK, MRS. E. P., JR.
—pic, TSCRA conv AP57:45

WOMACK, OWEN
—heads Texas Brangus Assn Mr57:112

WOOD, PRINCE
—pic, with champ pen of 20 heifers, San Antonio Hereford stocker-feeder sale J56:115

WOODS, EDWARD J.
—field representative, Am Polled Hereford Assn Jy56:91

WOOL
—sheep outfits quit black markers S56:18
—world wool production in 1956 S56:22

WRIGHT, JOHN E. (Uvalde, Texas)
—obit Mr57:103

WRIGHT, W. W. (Bull)
—pic, Highland Hereford Brs Sale, Marfa AP57:92

WYMAN, MILT
—pic, with Gold Co-Pilot AG56:109

WYOMING HEREFORD RANCH
—pic, WHR brand D56:40
—ls sold Mr57:129

WYOMING, UNIVERSITY OF
—sheep outfits quit black markers S56:18
—historical material wanted F57:77

YATES, BILLIE
—pic, dir Internatl Charollaise CRA J56:87

YATES, J. N. (Gladewater, Texas)
—obit My57:82

YOAKUM, H. J.
—pic, dir Texas Angus Assn Mr57:86
—Gulf Coast Brs elect pres AP57:71

YOUNG, WILLIAM C. "BRIGHAM"
—pic, Dean Stangel honored for his service to agriculture D56:92

ZEBU CATTLE
—Indu-Brazil cattle playing important role in Am beef cattle industry, il My57:33

ZEBU CATTLE—PICTURES
—Cherokee Repucho 226 My57:33; Precioso My57:33; Royal Lady Tippu My57:33; yearling bull, bred by J. W. and Roy Martin, Cotulla, Texas My57:34; chief herd sire on Martin Ranch My57:34; Indu-Brazilian cow and baby calf, Kubela Ranch My57:34; part of herd, Henderson Coquet Ranch My57:35; cows and calves owned by Cornelius Cattle Co. My57:35; registered replacement heifers, Otis Cox Ranch My57:35

ADVERTISING DIRECTORY

A	Page	F	Page		Page	R	Page
Aberdeen-Angus Journal	73	Kwell E. Farley	72, 89	Kansas Soy Products	44	Ralston Purina Co.	41
Agricultural Livestock		The Farnam Co.	92	Keirsey Tilting Chute Co.	97	The Ranchman	107
Finances Corp.	105	Bill Faudree	84	Kinloch Farm	4, 5	C. A. Rapp & Son	78
Aledo Feed Mill, Inc.	21	Albert B. Fay	92	Koonitz Ranch	67, 72	W. H. Ray Charollaise Ranch	91
John R. Alford	89	Plate Bros.	67	Stanley Kubeia	68, 69	Runnells-Pierce Ranch	67, 99
American Angus Assn.	23, 78	Flying M Ranch	84			Ruri-Mar Ranch	87
American Brahman Br. Assn.	66	Fort Worth Stockyards	2nd Cover	L			
American Charbray &		O. M. Franklin Serum Co.	92	Lake Creek Hereford Ranch	24		
Charollaise Br. Assn.	91	Frost Ranch	99	Lamkin Bros.	50	S	
American Cynamid Co.	6	Jack Frost Ranches		Landreth Farms	87	San Antonio Stock Yards	103
Andrews Hereford Farm	3rd Cover			Lasater Ranch	9	San Marcos Ranch	69
Armour & Co.	47			League Ranch	99	Santa Gertrudis Br.	
		G		H. D. Lee Co.	92	International	90
B		Garrett Vrahman Ranch	27, 67	Frank Lewis	69	Sartwell Bros.	77
Bar M Brahman Ranch	67	General Motors Corp.—		Licata	78	Dan F. Searight	82
Bar M Ranches	3rd Cover	Chevrolet Motors Div.	28	Lilliston Implement Co.	97	Servis Equipment Co.	42
Bar X Ranch	69	Bill Gibbs Brokerage Co.	95	D. H. Lillywhite	109	G. H. Shaw	107
Barton Brahman Ranch	67	Gibson Beefmasters	77	Livestock Magazine	113	J. D. Shay	56
Cameron Beam	90	W. B. Gilfoil & Co.	81	L Ranch Co.	99	Silver King Products	98
Audrey Jones Beck	67	Globe Laboratories	8	Lucky L. Ranch	78	Ray Sims	107
Hell Avenue Seed Co.	43	Golden Hoof Ranch	3rd Cover			Sonoma Quarter Horse Show	96
A. F. Beiste & S. I. Stratton	67	Graham School	111	M		Southern States Loan Co.	95
Black Hereford Ranch	3rd Cover	George Graham—77 Ranch	78	McDannald Ranches	99	H. C. Spinks Farm & Ranch	53
Black Ranch	67, 73	Greenwich Book Publishers, Inc.	92	Magnolia Petroleum Co.	11	Spring Mountain Ranches 4th Cover	
G. C. Blucher Boot Co.	59			C. J. Martin & Sons, Inc.	97	Stafford-Lowdon Co.	104
C. K. Boyt	47	H		J. W. & Roy Martin	59	Stagg & Co.	107
Clyde R. Bradford	78	Half-Circle J-D Ranch	78	J. A. Matthews Ranch Co.	99	Sterling Ranch	69
Briscoe Ranch	87	Hammon Hereford Ranch	107	T. N. Mauritz & Son	88	Straus Medina Hereford Ranch	18
Walter Britten	107	Harding and Harding	107	Michaelis Ranches	4th Cover	Levi Strauss & Co.	52
Brewer Mfg. Co.	59, 94	Harrison Ranch	61	N. M. Mitchell	56	John B. Stribling & Son	91
Burgess Farms	69	Haynes Mfg. Co.	54	Mogford Industries, Inc.	96	Stull's Chemicals, Inc.	46
Burke Bros.	25, 67	H Cross Ranch	67	Molames Trading Co.	24	Sullivan Polled Hereford Disp.	55
John C. Burns	54	Herrin Hereford Ranch	52	Charles Moorhouse	73	C. D. Swaffar	107
Burney's Hereford Farm	3rd Cover	Higginbotham Cattle Co.	84	Moorman Mfg. Co.	3		
Milby Butler	67	Hill Country Hereford Assn.	57	Morton Salt Co.	73	T	
Byars Royal Oaks	84	Hill Pasture Farms	84			Tacubaya Ranch	69
		Hi-View Hereford Ranch 3rd Cover		N		Talbot Hereford Ranch	3rd Cover
		Hoofs and Horns	89	National Finance Credit Corp.	108	Taylor-Evans Seed Co.	51
C		Horse Lover's Magazine	96	Dr. T. M. Neal	26	Teco Products	111
E. L. Caldwell & Sons	24	Horseshoe D Ranch	99	New Orleans Stock Yards, Inc.	104	Texas Angus Assn.	79, 83, 85
E. C. Canales	90	Hotel Paso del Norte	2	Nine Bar Ranch	88	Texas Hereford Assn.	10
Carter's Western Corral	98	J. D. Hudgins	2	Necona Boot Co.	61	Texas Livestock Marketing	
Capps Ranch	78	Hull-Dobbs Ranch	19, 3rd Cover			Assn.	110
Dale Carnegie Ranch	22	Ralph W. Hutchins	4th Cover	O		Texas Phenothiazine Co.	76
Carpenter Ranches	67			Oceuro-Vet Co.	62	Texas & Southwestern Cattle	
Caterpillar Dealers	17	I		Oklahoma State Prison Rodeo	59	Raisers Assn.	101, 102
E. B. Chandler & Co.	108	V. T. Irby	128			Harl R. Thomas	4th Cover
Cherokee Ranch (Mills)	67			P		J. Carter Thomas	67
Cherokee Ranch (Yonkam)	67, 69, 71	William States Jacobs	69	Paddock Ranch Co.	70	E. W. Thompson Angus Farm	78
Chicago, Burlington & Quincy	45	Hamilton James	107	Paleface Ranches	95	Thornton's W R Ranch	84
Circle T Ranch	3rd Cover	Jensen Bros. Mfg. Co., Inc.	98	Pan-American Zebu Assn.	70	TRJ Ranch	3rd Cover
Circle W Ranch	91	W. R. Johnson Polled Hereford	56	Pan-Gill Ranch	4th Cover	Fred W. Turner Estate	4th Cover
K. A. Clark	78	Ranch		G. L. Paret & Sons	67, 74	Turner Ranch	14, 15
Clear Creek Ranches	20, 95	K		Pecan Acres Ranch	63	Turner-Thornton Herefords	3rd Cover
Clear View Ranch	95	Kallison's	56	Plantation Ranch	67		
Collier Livestock Feeder Co.	97	Kansas City Stockyards Co.	46	Walter Pope	95	U	
Colorado Fuel & Iron Corp.	40					Union Feed Yards	22
Connecticut General Life						United Salt Corporation	86
Ins. Co.	109						
Connecticut Mutual Life						V	
Ins Co.	113					V & Ranch	67
Wm. Cooper & Nephews, Inc.	42					Vit-A-Way, Inc.	13
Henderson Coquat	69						
Robert Coquat	69					W	
Cornelius Cattle Co.	69, 74					W. T. Waggoner Estate	99
Tom & Ray Cowart	89					John L. Wallace, Inc.	107
L. Otis Cox	69					W. R. Watt Ranch	3rd Cover
Creslenn Ranch	87					Webb's Brahman Ranch	71
Crutcher-Wilmut Dissolution						West Texas Santa Gertrudis	
Sale	48, 49					Assn.	88
C-T Ranch	80					Westbrook Hotel	106
Cutter Laboratories	58, 98					Westbrook & Schmitz	58
						J. T. White	67
D						L. White Boot & Saddle Shop	94
Walter Daggett	111					Willow Springs Ranch	95
Paul Davis Farms	95					Winkels Polled Hereford Ranch	56
Dempster Mill Mfg. Co.	106					Winston Bros.	111
Double U. S. Ranch	67					W-W Cattle Chute Co.	72
Dudley Bros.	54						
Dunraven Ranch	78					Y	
						Yates Ranch	4th Cover
E						C. E. Yonkam	67, 69, 71
Eastern Oklahoma Quarter						Yturria Ranch	69
Horse Assn.	93						
A. B. (Kirk) Edwards	99						
Esmer Ranch	82						

The Cattleman

Established 1914

OWNED BY CATTLEMEN
PUBLISHED BY CATTLEMEN
READ BY CATTLEMEN

V. T. IRBY & SONS, The Home of Royal Herefords
WE HAVE SOLD OUT OF SERVICEABLE BULLS AT PRESENT

Address all correspondence to V. T. Irby, Beeville, Texas

Fort Worth Area

★ BURSEY HEREFORD FARM

Fred Bursey, Mgr. • Phone TE 8-7897

Fort Worth, Texas

(Ranch located 6 mi. NE on US 377)

Mail Address Only: Smithfield, Texas

FOR SALE: A number of females and serviceable age bulls—Prince Domino breeding.

★ CIRCLE T RANCH

J. Glenn Turner, Owner • E. E. Garrett, Herdsman

Phone 2114

Roanoke, Texas

(20 miles NE Fort Worth on US 377)

Ranch located 2 miles E on Highway 114

★ HI-VIEW HEREFORD RANCH

J. L. Rush, Owner

Midlothian, Texas

Ranch located 35 miles SE Fort Worth on US 287 & 75

★ M. O. ANDREWS

Box 1015 — Phone: Off. ED 6-7487, Res. JE 5-2354

Fort Worth, Texas

Rubin Kasper, Mgr., JE 6-8532

Ranch located south edge of Fort Worth

★ BAR M RANCH

O. H. McAlister, Owner • Albert Haase, Mgr.

Rhome, Texas

Ranches at Rhome, Midland and Graham

★ BLACK HEREFORD RANCH

Phone 114 J 2

Granbury, Texas

(35 miles SW of Fort Worth on US 377)

Ranch headquarters 11 miles NW on Highway 4

★ W. R. WATT RANCH

(Formerly Northwoods Stock Farm)

Box 150

Fort Worth, Texas

Phone ED 2-7361

Also Watt Ranch, Throckmorton, Texas

★ TALBOT HEREFORD RANCH

D. G. Talbot, Owner

3712 Cresthaven • Phone MA 6-2884

Fort Worth, Texas

Ranch at Aledo, 15 miles SW of Fort Worth

FOR SALE: Serviceable age bulls and clean pedigree females—all ages.

★ TURNER AND THORNTON

4901 Crestline Rd. • Phone PE 8-4549

Fort Worth, Texas

Ranches at Rhome and Boerne

★ GOLDEN HOOF RANCH

Julia Ruth and Chas. Biggerstaff, Owners • Ph. Central 7481

Denton, Texas

Ranch located 6 miles west on Highway 24

Real Silvers and Zato Heirs at their best

★ HULL-DOBBS RANCH

Route 9, Box 101

Fort Worth, Texas

Phone Newark, Texas, 9-2611

Ranch located 15 miles N on US 81, then 2 miles W on Farm Rd. 718

★ T. E. MERCER TRJ RANCH

Route 5, Box 274

Fort Worth, Texas

Harry Baker, Herdsman • Phone PE 7-7551

Ranch located 4 miles SW on US 377



Visit these
Herds FIRST
Before You
BUY!

**"Good Bulls, Like Good Men,
Have Good Parents"**

Welcome to

MICHAELIS RANCHES

M. G. Michaelis, Jr.

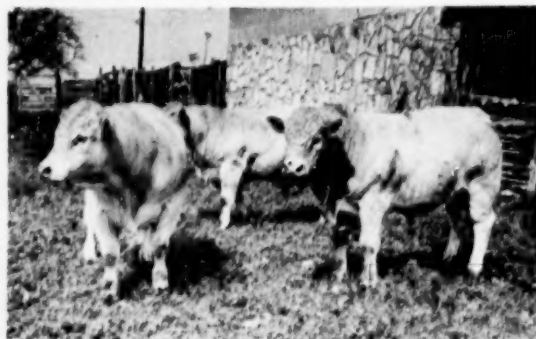


Helen and M. G. Michaelis, Jr.

PIONEER BREEDERS CHAROLLAISE in the UNITED STATES

"If you're looking for the Best in CHAROLLAISE BREEDING — Come See Us"

The Charollaise cattle of the Hacienda El Fortin in Coahuila, Mexico, are from the Pugibet Herd, which is the only herd of Charollaise cattle that was imported from France to North America.



Young Charollaise Bulls that can add weight to your calves.

Michaelis Ranch of Kyle, Texas, is one of the first breeders of Charollaise cattle in the United States. M. G. Michaelis, Sr., having seen Charollaise cattle in Mexico, foresaw the future of these cattle and made importations to the United States. Today, the Michaelis Ranch has one of the oldest and largest herds of Purebred Charollaise Cattle in the United States.



**CATTLE FOR SALE AT ALL TIMES
VISITORS ALWAYS WELCOME**

Our Ranches are:

HDA. EL FORTIN

Muzquiz, Coah., Mexico
Office: Piedras Negras
Calle de Zaragoza Sur 60
Telefono: 26

MICHAELIS RANCH

Hays County
Kyle, Texas
U. S. A.
Phone CO 82241

THIS PAGE CO-SPONSORED BY:



HERB J. HAWTHORNE
Spring Mountain Ranches
Meridian, Flynn &
Hempstead, Texas



HARL R. THOMAS
7 mi. north on Hwy. 77
MU-92244
Raymondville, Texas



RALPH W. HUTCHINS
Box 475, MU-92840
Raymondville, Texas



4T RANCHES
Fred W. Turner Estate
113 West 4th St. WG-83232 Ph. 182 — 10 mi. east Rock-
Weslaco, Texas



PAN-GILL RANCH
Mr. and Mrs. G. A. Morriss
Ph. 182 — 10 mi. east Rock-
springs, Rocksprings, Texas



YATES RANCH
Billie, Fayette and
Mrs. Lela Yates
Vineyard, Texas